







THE NEW GYMNASIUM

# BOWDOIN COLLEGE BULLETIN

Number 366

CATALOGUE FOR THE

Sessions of 1967-1968



*September 1967*

BRUNSWICK, MAINE





---

# Bowdoin College Bulletin

*Sessions of 1967-1968*

Number 366



This Bulletin is published by Bowdoin College four times during the College Year: September, December, March, and June. Second-class postage paid at Brunswick, Maine.

---

*Printed by The Anthoensen Press, Portland, Maine*



---

## CONTENTS

COLLEGE CALENDAR	vi
BOWDOIN COLLEGE: A HISTORICAL SKETCH	1
BOWDOIN: A LIBERAL COLLEGE	5
OFFICERS OF GOVERNMENT	8
OFFICERS OF INSTRUCTION	13
OFFICERS OF ADMINISTRATION	24
COLLEGE CAMPUS AND BUILDINGS	28
GENERAL INFORMATION	43
ADMISSION TO THE COLLEGE	46
SCHOLARSHIPS, LOANS, AND FINANCIAL AID	54
THE CURRICULUM	81
COURSES OF INSTRUCTION	96
RESERVE OFFICERS' TRAINING CORPS	162
THE LIBRARY	165
THE FINE ARTS	172
MUSEUM OF ART	172
DRAMA AND STAGECRAFT	174
MUSIC	175
PRINTING AND TYPOGRAPHY	176

---

---

PUBLIC AFFAIRS RESEARCH CENTER	177
BOWDOIN CENTER FOR EDUCATION IN POLITICS	179
THE BOWDOIN SCIENTIFIC STATION	180
LECTURESHIPS AND INSTITUTES	181
STUDENT LIFE AND ACTIVITIES	186
PHYSICAL EDUCATION AND ATHLETICS	194
PLACEMENT BUREAU	196
PRIZES AND DISTINCTIONS	198
DEGREES CONFERRED IN AUGUST, 1966	213
DEGREES CONFERRED IN JUNE, 1967	213
APPOINTMENTS, PRIZES, AND AWARDS	217
ALUMNI ORGANIZATIONS	225
INDEX	233

---

# 1967

## OCTOBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## NOVEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

## DECEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

# 1968

## JANUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## FEBRUARY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

## MARCH

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## APRIL

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

## MAY

				1	2	3	4
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30	31		

## JUNE

						1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20			
23	24	25	26	27	28	29	
30							

## JULY

	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30	31				

## AUGUST

				1	2	3	
4	5	6	7	8	9	10	
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
25	26	27	28	29	30	31	

## SEPTEMBER

	1	2	3	4	5	6	7
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
29	30						

## OCTOBER

	1	2	3	4	5		
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30	31			

## NOVEMBER

					1	2	
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	

## DECEMBER

	1	2	3	4	5	6	7
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
29	30	31					

# 1969

## JANUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## FEBRUARY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

## MARCH

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

## APRIL

	1	2	3	4	5		
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30				

## MAY

				1	2	3	
4	5	6	7	8	9	10	
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
25	26	27	28	29	30	31	

## JUNE

	1	2	3	4	5	6	7
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
29	30						



# COLLEGE CALENDAR

1967-1968

1967

*September 19, Tuesday.* Rooms ready for occupancy by upperclassmen for the Fall Semester.

*September 21, Thursday.* Rooms ready for occupancy by Freshmen for the Fall Semester.

*September 22, Friday.* Placement tests and conferences for Freshmen.

*September 25, Monday.* Fall Semester of the 166th academic year begins at 8:00 A.M. All students required to be in residence. Registration.

*September 26, Tuesday.* Opening Convocation exercises at 11:30 A.M. in the First Parish Church.

*September 27, Wednesday.* First classes.

*October 3, Tuesday.* Evening major meetings.

*October 6, Friday.* James Bowdoin Day.

*October 7, Saturday.* Parents' Day.

*October 17, Tuesday.* Evening major meetings.

*October 25, Wednesday.* Freshman review.

*October 28, Saturday.* Alumni Day. A holiday.

*October 31, Tuesday.* Evening major meetings.

*November 14, Tuesday.* Evening major meetings.

*November 20, Monday.* State of Maine Scholarship examinations.

*November 22, Wednesday.* Thanksgiving recess begins, 12:00 noon.

*November 27, Monday.* Thanksgiving recess ends, 8:00 A.M.

*November 27, Monday.* Midsemester review of classes.

*November 27, Monday.* Last day for filing applications for scholarship aid during the Spring Semester.

*December 5, Tuesday.* Evening major meetings.

*December 15, Friday.* Christmas vacation begins, 12:00 noon.

1968

*January 3, Wednesday.* Christmas vacation ends, 8:00 A.M.

*January 9, Tuesday.* Evening major meetings.

*January 24-February 3, Wednesday-Saturday.* Review period and examinations of the Fall Semester.

*February 2, Friday.* Stated Winter meetings of the Governing Boards.

*February 7, Wednesday.* Spring Semester begins, 8:00 A.M.

*February 13, Tuesday.* Evening major meetings.

*February 17, Saturday.* Winter Houseparty. A holiday.

*February 27, Tuesday.* Evening major meetings.

*March 12, Tuesday.* Evening major meetings.

*March 22, Friday.* Midsemester review of classes.

*March 22, Friday.* Spring vacation begins, 12:00 noon.

*April 2, Tuesday.* Spring vacation ends, 8:00 A.M.

*April 2, Tuesday.* Last day for filing applications for scholarship aid for the academic year 1968-1969.

*April 9, Tuesday.* Evening major meetings.

*April 23, Tuesday.* Evening major meetings.

*May 7, Tuesday.* Evening major meetings.

*May 11, Saturday.* Ivy Day. A holiday.

*May 20, Monday.* Last day for filing applications for all graduate scholarships.

*May 25, Saturday.* Last day of classes of the Spring Semester.

*May 27-June 11, Monday-Tuesday.* Review period and examinations of the Spring Semester.

*May 29-30, Wednesday-Thursday.* Written major examinations for Seniors.

*May 31-June 1, Friday-Saturday.* Oral major examinations for Seniors.

*June 9, Sunday.* Baccalaureate Address in the First Parish Church.

1968

*June 13, Thursday.* Stated meetings of the Governing Boards.

*June 14, Friday.* Commissioning Exercises of the United States Army Reserve, Walker Art Building terrace, 11:00 A.M.

*June 15, Saturday.* The 163rd Commencement Exercises in the New Gymnasium, 10:00 A.M.

*September 17, Tuesday.* Rooms ready for occupancy by upperclassmen for the Fall Semester.

*September 19, Thursday.* Rooms ready for occupancy by Freshmen for the Fall Semester.

*September 20, Friday.* Placement tests and conferences for Freshmen.

*September 23, Monday.* Fall Semester of the 167th academic year begins at 8:00 A.M. All students required to be in residence. Registration.

*September 24, Tuesday.* Opening Convocation exercises at 11:30 A.M. in the First Parish Church.

*September 25, Wednesday.* First classes.

*October 19, Saturday.* Alumni Day. A holiday.

*November 27, Wednesday.* Thanksgiving recess begins, 12:00 noon.

*December 2, Monday.* Thanksgiving recess ends, 8:00 A.M.

*December 19, Thursday.* Christmas vacation begins, 12:00 noon.

1969

*January 6, Monday.* Christmas vacation ends, 8:00 A.M.

*January 22-February 1, Wednesday-Saturday.* Review period and examinations of the Fall Semester.

*February 5, Wednesday.* Spring Semester begins.

*March 21, Friday.* Spring vacation begins, 12:00 noon.

*April 1, Tuesday.* Spring vacation ends, 8:00 A.M.

*May 10, Saturday.* Ivy Day. A holiday.

*May 26-June 10, Monday-Tuesday.* Review period and examinations of the Spring Semester.

*June 14, Saturday.* The 164th Commencement Exercises.



# Bowdoin College: a Historical Sketch

**B**OWDOIN College was established by charter from the General Court of Massachusetts, June 24, 1794, after repeated petitions to the State by citizens who wanted to provide educational opportunity in the District of Maine, then a rapidly growing frontier. Practical establishment of the College was more difficult, however, than the securing of a charter. The lands granted the College by the General Court were not readily convertible into cash. Gifts for its operation were slow in coming—except for one handsome donation by James Bowdoin III, son of the late Governor of Massachusetts, whom the College honors in its name. Brunswick was selected as a proper site in 1796, but the erection of a building to house the College was not accomplished until 1802. On September 2 of that year, the Reverend Joseph McKeen was installed as the first president of the College. On the next day the College began its active educational life with eight students and one faculty member, in addition to its president.

The story of Bowdoin in its early years is an index to its entire history. Its first president was a man of religion and of science. Its first benefactor was distinguished as a diplomat, as a statesman, and as a gentleman of broad culture; and the inheritance of his extensive library and his fine collection of art established at the College a lasting conviction of the wisdom of strength in these areas of institutional resources. Its original Board was composed of strongly religious men, individually devoted to the Congregational Church as thoroughly as they were to the democratic ideals of a new nation.

The curriculum during the early years was rigidly prescribed and strong in the classics. In the field of science, mathematics was soon joined by the study of chemistry and mineralogy. Though small in size, the College had some of the greatest teachers it has known, and among the early graduates were several marked for future fame: for instance, Nathan Lord (1809), for thirty-five years president of Dartmouth; Seba Smith (1818), early humorist; Jacob Abbott (1820), prolific author of the "Rollo" books; William Pitt Fessenden (1823), for a short time President Lincoln's Secretary of the Treasury; Franklin Pierce (1824), fourteenth President of the United States; and Nathaniel Hawthorne and Henry Wadsworth Longfellow, both of the Class of 1825.

The traditions of the College and its pattern of conservatively progressive education were established in its first quarter century. Hardly had Longfellow been graduated from Bowdoin before he went abroad to qualify himself as a pioneer teacher—first at Bowdoin, later at Harvard—of modern languages.

In 1820 the College established a Medical School, which in the 101 years of its existence produced many well-trained doctors who practiced in Maine and, to a lesser extent, elsewhere. In 1921, when the needed clinical facilities and technical equipment had become too complex and expensive for a small institution to supply, it was deemed expedient to discontinue the School.

Bowdoin was established more on faith than endowment, and its finances suffered severely in the aftermath of the panic of 1837. However, its growth was slow and steady. Social fraternities appeared on the campus in the 1840's, followed by organized athletics in the late 1850's. *The Bowdoin Orient*, which claims to be the oldest continuously published college weekly in the country, appeared first in 1871. As the controversy over slavery worked towards a climax, the home of Professor Smyth was a station of the "underground railroad" for escaped slaves; and here, in another professorial household, was written the book that was to arouse the conscience of a nation, *Uncle Tom's Cabin*. During the Civil War the College sent into the service a greater number of men in proportion to its size than any other college in the North.

The twenty years following the Civil War were the most critical in the history of the College. After President Harris' short term of four years (1867-1871), Joshua Lawrence Chamberlain, Maine's most distinguished war hero and Governor of the State for four terms following his return to civilian life, was elected president. During these two administrations the curriculum was modernized somewhat, but the establishment of an Engineering School in 1871 was unsuccessful, since it survived for only ten years. Its most famous graduate was Admiral Robert E. Peary (1877), the first to reach the North Pole.

President Chamberlain, for all his great services to College, State, and Nation, was unequal to coping with the difficulties now besetting the institution: inadequate endowment and equipment, a decreasing enrollment, dissension among the Faculty and Boards. Probably no one else connected with either group could have succeeded in the circumstances. Chamberlain's resignation in 1883 provided an opportunity to secure from outside the College the vigorous leadership imperatively needed.

The inauguration in 1885, after a two years' interregnum, of the



Reverend William DeWitt Hyde marks the real beginning of another era. He brought to his task of rejuvenating the institution a boundless physical capacity that was matched by his awareness of a modern and changing world and by scholarly ability that made his national reputation an ornament to Bowdoin. He built the College figuratively and literally, introducing new subjects into the curriculum and enlarging the physical facilities on the campus by over a hundred percent. Under him, enrollment increased from 119 in 1885 to 400 in 1915; the endowment in the same period from \$378,273 to \$2,312,868. He emphasized teaching as the responsibility of the College and learning as the responsibility of the students. His vigor impregnated the whole life and spirit of the College. It was under President Hyde that Bowdoin's philosophy of its students and of its faculty as responsible, independent individuals became fixed.

Kenneth C. M. Sills succeeded President Hyde after the latter's death in 1917. He was a natural successor (though not a slavish disciple) of President Hyde. He carried forward his predecessor's program, seeing the College successfully through the upheavals concomitant to two wars. Under him, Bowdoin gradually emerged from being a "country college" to a new and increasingly respected status as a country-wide college. Physical facilities were improved and increased. The Faculty grew from thirty-one to eighty-one; enrollment, from 400 to double that figure; and endowment, from \$2,473,451 to \$12,312,274. Student activities were expanded, and the fraternity system was developed into a cooperative and democratic component of student life.

President Sills was succeeded by James Stacy Coles in the fall of 1952. Committed by training and conviction to the ideals initiated and carried forward by Presidents Hyde and Sills, Dr. Coles has encouraged the continual reassessment of these objectives and the estimation of the measure of their attainment through the institution of a comprehensive review of the educational program by the Faculty and Governing Boards. A Faculty Committee on Self Study, after three years of intensive work, made many recommendations for improvements, most of which have since been adopted by the Faculty and Governing Boards.

Among the advances now being implemented are an added emphasis upon written and oral expression in *all* courses, increased aural and oral drill in foreign languages, extension of honors work to all gifted students, the introduction of new courses into the curriculum and the revision of the content of other courses, and the initiation of an Undergraduate Research Fellowship Program.

Beginning with the summer of 1959, the College has conducted institutes for secondary school teachers in the field of science. Each institute offers credit at a graduate level. In the field of mathematics the degree of Master of Arts is offered those successfully completing four of these summer institutes. Beginning with the fall of 1961 the College has each year (with the exception of the year 1965-1966) admitted ten secondary school teachers of mathematics to an Academic Year Institute. Successful completion of this program leads to the award of the degree of Master of Arts.

The physical side of the College has not been neglected. In 1954 the Gibson Hall of Music was opened; in 1955 the Pickard Theater in Memorial Hall was completed; in 1956 the Arena for hockey and skating; in 1957 an addition to the Dudley Coe Infirmary; and in 1958 a sixth dormitory, Coleman Hall, was completed.

But by far the most exciting and stimulating program is the one currently in progress. The Governing Boards, in accepting Bowdoin's responsibilities in an expanding and rapidly changing universe, have boldly undertaken a program of further development by seeking to add \$31,800,000 to the college resources by 1972. The need of attracting and holding a faculty of the highest caliber, the demand for increased scholarships in order that the student body may continue to reflect a cross section of our society, and the expansion of the physical plant to keep pace with the educational program are held to be essential in maintaining the proud traditions of Bowdoin in furthering its historic mission to serve the common good.

In the fall of 1964 the College inaugurated a pioneering development in liberal arts education: The Bowdoin College Senior Center Program. Its object is to offer the college Senior a more meaningful and rewarding educational experience as the climax to his undergraduate years. A group of three buildings was built to house the Program. Expanded opportunities for independent study and the introduction of Senior Seminars are the most significant features of the new curriculum for Seniors.

The Hawthorne-Longfellow Library, the New Gymnasium, and an addition to the Moulton Union, the campus student center, were completed in 1965. The interiors of Maine, Winthrop, and Appleton Halls, the three oldest dormitories, were completely renovated in 1964-1966. The renovation of Hubbard Hall (the former library building) to provide additional instructional facilities was completed in 1967. A major addition to the Walker Art Building will round out the most ambitious building program in the College's history.



# Bowdoin: A Liberal College

FROM an outdoor platform built in a cleared space among the college pines, President Joseph McKeen, one hundred and sixty-five years ago, delivered the chief address at the opening of Bowdoin College. Seeking an object for the new institution of which he was the first head, he found an answer in the desire of "the inhabitants of the District" to have their sons educated for "the liberal professions" and instructed "in the principles and practices of our holy religion. . . . It ought always to be remembered," he went on, "that literary institutions are founded and endowed for the common good, and not for the private advantage of those who resort to them. It is not that they may be able to pass through life in an easy or reputable manner, but that their mental powers may be cultivated and improved for the benefit of society." The insight and the breadth of this program were creditable for that day. But no one attending the ceremonies of 1802 could have foreseen that over a century and a half later the College, once founded in a frontier community, would draw the greater share of its students from states other than the "District" and, while still preparing many for law, medicine, teaching, and theology, would be educating an equal or greater number who looked forward to government service or a business career.

Since economic and political changes have brought new occupations and callings to pivotal importance in the modern world, the task of the College has necessarily grown more complicated and diverse. As in President McKeen's time many of its courses, for instance, languages and sciences, give knowledge or skill useful in the practice of various professions and employments. But such training is merely incidental to a larger objective. Whether through its catholic subject matter: sciences, social studies, literature, philosophy, and the arts; whether through its required or elective courses; whether through its major work, with its insistence upon a more intensive study of some selected subject; the College aims always to give its students a knowledge of world culture. They must understand and appreciate its origins and traditions, the forces essential for its operation and progress, and the values which it seeks to realize. While an individual may remain ignorant of this heritage and still exist, "the common good" and "the benefit of society," which President McKeen asserted as the objectives of the College, are unattainable unless leaders and followers are alike acquainted with what civilization, in its broadest sense, implies.

The College still believes that the cultivation and improvement of its students' "mental powers" is its primary function. Perhaps in President McKeen's time, when community life was more homogeneous and simple, no other emphasis was required. But today the College cannot avoid a concern with the character as well as the mind of its undergraduates. On this point the whole of the college environment is an educator. The fraternity houses and dormitories, athletic and nonathletic activities, the constant association of students in a close-knit rather than a dispersed college community—all play their part. Such influences, however, can be duplicated outside college walls. The distinctive discipline of the College is that of the laboratory, the library, and the classroom. These are its unique possessions. Through the opportunities they offer comes the achievement of intellectual poise, disinterested opinion, and patient courage to pursue remote ends by choice rather than compulsion. These college-bred habits of mind are moral as well as intellectual qualities.

While the College seeks to develop the individual talent of its students, it rightly holds they must not limit their interests; they should sample the variety of opportunities the modern curriculum affords. The dreamer must encounter the stubbornness of facts and the practical man should realize that men are moved by visions; the aesthete should appreciate the hard precision of scientific measurement and the materialist glimpse the insight and delight offered by the fine arts. Each present-minded generation has to learn anew that the experience of the past is in part a substitute for unnecessary and painful experiment and that a narrow focus upon vocational training breeds a dangerous irresponsibility. The liberal college must train whole men. To do otherwise would be to deprive its graduates of satisfactions and the community of profit.

No college can withdraw entirely from the world. Certainly Bowdoin has taken color from its traditional contacts with a vigorous environment and a self-reliant people. These associations, instead of impeding, have helped the College toward its goal. Fortunately, however, it is an independent college, supported in large measure by endowments and the generous annual gifts of its alumni; it is not bound, therefore, to any denominational creed, party platform, or government program. With more strength and freedom than in President McKeen's administration, it still seeks to bring its students to a maturity of mind and character that through them it may serve "the common good."



## From the College Charter (1794)

*... And be it further enacted ... that the clear Rents, Issues, and Profits of all the Estate real and personal of which the said Corporation shall be Seized or Possessed, shall be Appropriated to the Endowment of said College in such a Manner as shall most Effectually Promote Virtue and Piety and the Knowledge of such of the Languages and of the Useful and Liberal Arts and Sciences as shall hereafter be Directed from Time to Time by the said Corporation. . . .*

## The Offer of the College

To be at home in all lands and all ages; to count Nature a familiar acquaintance, and Art an intimate friend; to gain a standard for the appreciation of other men's work and the criticism of your own; to carry the keys of the world's library in your pocket, and feel its resources behind you in whatever task you undertake; to make hosts of friends among the men of your own age who are to be leaders in all walks of life; to lose yourself in generous enthusiasms and cooperate with others for common ends; to learn manners from students who are gentlemen, and form character under professors who are Christians—this is the offer of the College for the best four years of your life.

WILLIAM DEWITT HYDE  
*President of Bowdoin College (1885-1917)*

## Knowledge, Virtue, and Piety

... there will always be need for Bowdoin as a Christian college. She will remain so, and will, with the help and guidance of God, continue to educate youth in knowledge and in virtue and in piety.

*—Inaugural Address (1952)*

JAMES STACY COLES  
*President of Bowdoin College*



# Officers of Government

PRESIDENT OF THE COLLEGE  
JAMES STACY COLES, Ph.D., D.Sc., LL.D.

TREASURER OF THE COLLEGE  
ALDEN HART SAWYER, B.S.

## PRESIDENT AND TRUSTEES

JAMES STACY COLES, Ph.D., D.Sc., LL.D., *President, ex officio.*  
(On sabbatic leave.)

ATHERN PARK DAGGETT, Ph.D., *Acting President, ex officio.* Brunswick

WILLIAM DUNNING IRELAND, LL.D., *Vice President.* Brunswick

EARLE SPAULDING THOMPSON, LL.D. New York, N. Y.

JOHN LINCOLN BAXTER, A.M. Topsham

BENJAMIN ROBERT SHUTE, A.B., LL.B. New York, N. Y.

SANFORD BURNHAM COUSINS, A.B. Brunswick

WIDGERY THOMAS, A.B. Portland

JOHN COLEMAN PICKARD, A.B. Wilmington, Del.

ALFRED SHIRLEY GRAY, A.B., B.B.A. Chicago, Ill.

FREDERICK POWERS PERKINS, B.S. Hartford, Conn.

LELAND MATTHEW GOODRICH, Ph.D., Sc.D. New York, N. Y.

ALDEN HART SAWYER, B.S., *Treasurer, ex officio.* Portland

WILLIAM CURTIS PIERCE, A.B., LL.B. New York, N. Y.

---

\*JOHN FESSENDEN DANA, LL.D., *Trustee Emeritus.*

MELVIN THOMAS COPELAND, Ph.D., Sc.D., *Trustee Emeritus.*  
Annisquam, Mass.

CHARLES AUSTIN CARY, LL.D., *Trustee Emeritus.* Wilmington, Del.

GEORGE WILLIAM BURPEE, Sc.D., *Trustee Emeritus.* New York, N. Y.

\* Died November 28, 1966.

JOHN HENRY HALFORD, A.M., *Trustee Emeritus.* Norristown, Pa.

KARL RUSSELL PHILBRICK, A.B., M.B.A., *Secretary.* Bangor

## OVERSEERS

ROY ANDERSON FOULKE, A.M., *President.* Bronxville, N. Y.

LOUIS BERNSTEIN, A.B., *Vice President.* Portland

PHILIP GREELY CLIFFORD, D.C.L. Portland

HONORABLE ROBERT HALE, LL.D. Washington, D. C.

AUSTIN HARBUTT MACCORMICK, Sc.D., LL.D. New York, N. Y.

WILLIAM ROBERT CROWLEY, A.M. Bangor

PAUL KENDALL NIVEN, A.M. Brunswick

ALLAN WOODCOCK, M.D., Sc.D. Bangor

REVEREND JOSEPH CONY MACDONALD, D.D. Wilton

EZRA PIKE ROUNDS, A.B. Exeter, N. H.

HONORABLE HORACE AUGUSTINE HILDRETH, Ed.D., D.C.L., LL.D.  
Portland

FRANK CARADOC EVANS, A.M. Wilmington, Del.

ROLISTON GIBSON WOODBURY, A.B. Bronxville, N. Y.

WILLIAM PLUMMER DRAKE, A.M. Philadelphia, Pa.

EDWARD HUMPHREY, B.S. Newton Highlands, Mass.

GILBERT MOLLESON ELLIOTT, JR., B.S. Portland

WILLIAM HOWARD NIBLOCK, L.H.D. Winchester, Mass.

PAUL SIBLEY, B.S. Worcester, Mass.

GERALD WALTER BLAKELEY, JR., A.B. Boston, Mass.

CHARLES MANSON BARBOUR, JR., M.D., C.M. West Hartford, Conn.

WILLIAM HODDING CARTER, JR., Litt.D., L.H.D., LL.D.  
Greenville, Miss.

GEORGE BASIL KNOX, B.S., M.B.A. Los Angeles, Calif.

EVERETT PARKER POPE, A.M. Boston, Mass.

CHARLES THOMAS IRELAND, JR., A.B., LL.B.	<i>Chappaqua, N. Y.</i>
VINCENT BOGAN WELCH, A.B., LL.B.	<i>Washington, D. C.</i>
DONALD WEDGWOOD WEBBER, LL.B., L.H.D.	<i>Auburn</i>
MERTON GOODELL HENRY, A.B., LL.B.	<i>Portland</i>
RALPH TRAFTON OGDEN, M.D.	<i>West Hartford, Conn.</i>
GEORGE OSGOOD CUTTER, B.S., M.B.A.	<i>Birmingham, Mich.</i>
JOTHAM DONNELL PIERCE, A.B., LL.B.	<i>Portland</i>
ROBERT NESS BASS, A.B., M.B.A.	<i>Wilton</i>
NATHAN IRA GREENE, A.B.	<i>Waltham, Mass.</i>
WILLIAM BUTLER MILLS, A.M., LL.B.	<i>Jacksonville, Fla.</i>
MARSHALL SWAN, A.B., LL.B.	<i>Barrington, R. I.</i>
WILLIAM HENRY GULLIVER, JR., A.B., LL.B.	<i>Boston, Mass.</i>
MAJOR GENERAL ROBERT NELSON SMITH, B.S., U.S.A.F.	<i>Washington, D. C.</i>
ARTHUR KNOWLTON ORNE, A.B.	<i>Düsseldorf, Germany</i>
WINTHROP BROOKS WALKER, A.B., LL.B.	<i>Lincoln, Mass.</i>
RICHARD ARTHUR WILEY, A.B., LL.M.	<i>Wellesley, Mass.</i>
EDWARD BENJAMIN BURR, A.B., M.B.A.	<i>Westport, Conn.</i>
DAVID WATSON DALY DICKSON, Ph.D.	<i>Marquette, Mich.</i>
CHARLES WILLIAM ALLEN, A.B., J.D.	<i>Portland</i>
JAMES STACY COLES, Ph.D., D.Sc., LL.D., <i>President of the College, ex officio.</i> (On sabbatic leave.)	
ATHERN PARK DAGGETT, Ph.D., <i>Acting President of the College, ex officio.</i>	<i>Brunswick</i>
KARL RUSSELL PHILBRICK, A.B., M.B.A., <i>Secretary of the President and Trustees, ex officio.</i>	<i>Bangor</i>
VERY REVEREND CHESTER BURGE EMERSON, D.D., <i>Overseer Emeritus.</i>	<i>Palm Beach, Fla.</i>

\*LUTHER DANA, A.M., *Overseer Emeritus.*

\* Died August 29, 1966.

*ROSCOE HENDERSON HUPPER, LL.D., <i>Overseer Emeritus.</i>	
SUMNER TUCKER PIKE, Sc.D., LL.D., <i>Overseer Emeritus.</i>	<i>Lubec</i>
MAJOR GENERAL WALLACE COPELAND PHILOON, M.S., U.S.A. (Retired), <i>Overseer Emeritus.</i>	<i>Brunswick</i>
NEAL WOODSIDE ALLEN, A.M., <i>Overseer Emeritus.</i>	<i>Portland</i>
RUFUS EDWIN STETSON, M.D., Sc.D., <i>Overseer Emeritus.</i>	<i>Damariscotta</i>
FRED LYSANDER PUTNAM, A.B., <i>Overseer Emeritus.</i>	<i>Houlton</i>
CHESTER GRANVILLE ABBOTT, LL.D., <i>Overseer Emeritus.</i>	<i>Portland</i>
WILLIAM HASKELL FARRAR, A.B., <i>Overseer Emeritus.</i>	<i>Brunswick</i>
THOMAS PRINCE RILEY, A.B., <i>Secretary.</i>	<i>Brunswick</i>

---

\* Died May 9, 1967.

## COMMITTEES OF THE BOARDS

### JOINT STANDING COMMITTEES

*Executive:* The Acting President; Messrs. Baxter, Thomas, Henry, J. D. Pierce, and Bass.

*Policy:* Messrs. Baxter, Cousins, Gray, Bernstein, Sibley, C. T. Ireland, and Welch.

*Finance:* Messrs. Thompson, W. D. Ireland, Perkins, Foulke, Pope, and Walker.

*Academic Program and Appointments:* Messrs. Goodrich, Shute, Pickard, MacDonald, Rounds, Niblock, Barbour, Webber, and Dickson.

*Development:* Messrs. Cousins, Thompson, Perkins, Knox, C. T. Ireland, Welch, Mills, Gulliver, and Burr.

*Honors:* The President of the Board of Overseers, ex officio; Messrs. Thompson, Goodrich, W. C. Pierce, MacCormick, Drake, and Carter.

*Grounds and Buildings:* Messrs. Pickard, Sawyer, Evans, Woodbury, Elliott, Cutter, Greene, and C. W. Allen.

*Physical Education:* Messrs. W. D. Ireland, Shute, Niven, Drake, Elliott, and Smith.



*Art:* Messrs. W. C. Pierce, Shute, Thomas, Hale, Humphrey, Ogden, Swan, Smith, Orne, and Wiley.

#### SPECIAL COMMITTEES

*Advisory Committee on Educational Television:* Messrs. Cousins, Hildreth, and Henry.

*Ad hoc Committee on Policies and Procedures on Honorary Degrees:* Messrs. Shute, Goodrich, MacCormick, Foulke, Hildreth, and Webber.

*6-8 College Street:* Messrs. Shute, Baxter, Foulke, Blakeley, and J. D. Pierce.

*Ad hoc Committee on Admissions and the Development of the Student Body:* Messrs. W. D. Ireland, Drake, Blakeley, C. T. Ireland, Welch, J. D. Pierce, and Wiley.

---

#### STUDY COMMITTEE ON UNDERCLASS CAMPUS ENVIRONMENT

Messrs. William C. Pierce, John C. Pickard, Louis Bernstein, William H. Gulliver, Jr., Herbert R. Brown, Paul V. Hazelton, Willard B. Arnold III, Paul P. Brountas, F. Erwin Cousins, John R. Hupper, Charles F. Adams III '68, and Brett J. Markel '69.



# Officers of Instruction

JAMES STACY COLES, B.S. (*Mansfield*), A.B., A.M., Ph.D. (*Columbia*), D.Sc. (*New Brunswick*), LL.D. (*Brown, Maine, Colby, Columbia, Middlebury*), Sc.D. (*Merrimack*), *President of the College. (On sabbatic leave.)*

ATHERN PARK DAGGETT, A.B. (*Bowdoin*), A.M., Ph.D. (*Harvard*), *Acting President of the College, and William Nelson Cromwell Professor of Constitutional and International Law and Government.*

6 Longfellow Avenue

MANTON COPELAND, B.S., M.S., Ph.D. (*Harvard*), *Professor of Biology, Emeritus, and Josiah Little Professor of Natural Science, Emeritus.*

88 Federal Street

WARREN BENJAMIN CATLIN, A.B. (*Nebraska*), Ph.D. (*Columbia*), *Daniel B. Fayerweather Professor of Economics and Sociology, Emeritus.*

268 Maine Street

ORREN CHALMER HORMELL, A.B. (*Indiana*), A.M. (*Indiana, Harvard*), Ph.D. (*Harvard*), D.C.L. (*Bowdoin*), *DeAlva Stanwood Alexander Professor of Government, Emeritus, and Director of the Bureau for Research in Municipal Government, Emeritus.*

15 Potter Street

ALFRED OTTO GROSS, A.B. (*Illinois*), Ph.D. (*Harvard*), Sc.D. (*Bowdoin*), *Professor of Biology, Emeritus, and Josiah Little Professor of Natural Science, Emeritus.*

11 Boody Street

JOHN JOSEPH MAGEE, *Director of Track and Field Athletics, Emeritus.*

23 Boody Street

THOMAS CURTIS VAN CLEVE, A.B., A.M. (*Missouri*), Ph.D. (*Wisconsin*), Litt.D. (*Bowdoin*), *Thomas Brackett Reed Professor of History and Political Science, Emeritus.*

234 Maine Street

NOEL CHARLTON LITTLE, A.B. (*Bowdoin*), A.M., Ph.D. (*Harvard*), Sc.D. (*Bowdoin*), *Professor of Physics, Emeritus, and Josiah Little Professor of Natural Science, Emeritus.*

60 Federal Street

EDWARD SANFORD HAMMOND, A.B., A.M. (*Yale*), Ph.D. (*Princeton*), *Wing Professor of Mathematics, Emeritus.*

9 Thompson Street

MALCOLM ELMER MORRELL, B.S. (*Bowdoin*), *Director of Athletics, Emeritus.*

276 Maine Street

NATHANIEL COOPER KENDRICK, A.B. (*Rochester*), A.M., Ph.D. (*Harvard*), L.H.D. (*Bowdoin*), *Dean of the College, Emeritus, and Frank Munsey Professor of History, Emeritus.*

- CECIL THOMAS HOLMES, A.B. (*Bates*), A.M., Ph.D. (*Harvard*), *Wing Professor of Mathematics, Emeritus.* 60 Spring Street
- KENNETH JAMES BOYER, A.B. (*Rochester*), B.L.S. (*New York State Library School*), *College Editor, Emeritus.* Richmond
- PHILIP SAWYER WILDER, B.S. (*Bowdoin*), Ed.M. (*Harvard*), *Assistant to the President, Emeritus.* 12 Sparwell Lane
- ROBERT BARTLETT MILLER, *Coach of Swimming, Emeritus.* 23 Pleasant Street, Topsham
- EDWARD CHASE KIRKLAND, A.B. (*Dartmouth*), A.M., Ph.D. (*Harvard*), M.A. (*Cambridge*), Litt.D. (*Dartmouth, Princeton, Bowdoin*), *Frank Munsey Professor of History, Emeritus.* Thetford Center, Vermont
- GLENN RONELLO MCINTIRE, A.B., A.M. (*Bowdoin*), *Assistant Treasurer, Emeritus.* 9 Page Street
- 
- HERBERT ROSS BROWN, B.S. (*Lafayette*), A.M. (*Harvard*), Ph.D. (*Columbia*), Litt.D. (*Lafayette, Bowdoin*), L.H.D. (*Bucknell*), LL.D. (*Maine*), *Professor of English, and Edward Little Professor of Rhetoric and Oratory.* 32 College Street
- ALBERT ABRAHAMSON, A.B. (*Bowdoin*), A.M. (*Columbia*), *George Lincoln Skolfield, Jr., Professor of Economics. (On leave of absence in the Spring Semester.)* 234 Maine Street
- FRITZ CARL AUGUST KOELLN, Ph.D. (*Hamburg*), *George Taylor Files Professor of Modern Languages.* 7 Page Street
- ERNST CHRISTIAN HELMREICH, A.B. (*Illinois*), A.M., Ph.D. (*Harvard*), *Thomas Brackett Reed Professor of History and Political Science. (On leave of absence in the Spring Semester.)* 6 Boody Street
- WILLIAM CAMPBELL ROOT, B.S. (*California*), A.M., Ph.D. (*Harvard*), *Charles Weston Pickard Professor of Chemistry. (On leave of absence.)*
- SAMUEL EDWARD KAMERLING, B.S., M.S. (*New York University*), Ph.D. (*Princeton*), *Charles Weston Pickard Professor of Chemistry.* 18 McLellan Street
- GEORGE HUNNEWELL QUINBY, A.B. (*Bowdoin*), M.F.A. (*Yale*), *Professor of English.* 26 McKeen Street
- PHILIP MEADER BROWN, A.B. (*Brown*), A.M. (*Stanford*), Ph.D. (*Harvard*), *Professor of Economics.* 3 Page Street

- EATON LEITH, A.B. (*Dartmouth*), A.M. (*Harvard*), *Professor of Romance Languages.* 24 Longfellow Avenue
- MYRON ALTON JEPPESEN, B.S. (*Idaho*), M.S., Ph.D. (*Pennsylvania State*), *Professor of Physics.* 10 Harpswell Place
- PHILIP CONWAY BEAM, A.B., A.M., Ph.D. (*Harvard*), *Henry Johnson Professor of Art and Archaeology.* 41 Spring Street
- ALBERT RUDOLPH THAYER, A.B. (*Bowdoin*), A.M. (*Emerson*), *Harrison King McCann Professor of Oral Communication in the Department of English.* 40 Longfellow Avenue
- THOMAS AURALDO RILEY, A.B. (*Bowdoin*), A.M. (*Yale*), Ph.D. (*Harvard*), *Professor of German.* 25 Boody Street
- DAN EDWIN CHRISTIE, A.B. (*Bowdoin*), A.M., Ph.D. (*Princeton*), *Wing Professor of Mathematics. (On leave of absence in the Spring Semester.)* 4 Atwood Lane
- BURTON WAKEMAN TAYLOR, B.S. (*Yale*), Ph.D. (*Columbia*), *Professor of Sociology.* 79 Federal Street
- RICHARD LEIGH CHITTIM, A.B. (*Bowdoin*), B.A., M.A. (*Oxford*), *Professor of Mathematics, and Clerk of the Faculty.* 9 Wilson Street, Topsham
- ALTON HERMAN GUSTAFSON, B.S. (*Massachusetts*), A.M., Ph.D. (*Harvard*), *Professor of Biology.* 261 Maine Street
- LAWRENCE SARGENT HALL, A.B. (*Bowdoin*), A.M., Ph.D. (*Yale*), *Henry Leland Chapman Professor of English Literature.* Orr's Island
- NATHAN DANE II, A.B. (*Bowdoin*), A.M., Ph.D. (*Illinois*), *Winkley Professor of the Latin Language and Literature.* South Harpswell
- PAUL VERNON HAZELTON, B.S. (*Bowdoin*), Ed.M. (*Harvard*), *Professor of Education.* 33 Elm Street, Topsham
- JAMES ALLEN STORER, A.B. (*Columbia*), A.M., Ph.D. (*Harvard*), *Dean of the Faculty, and Daniel B. Fayerweather Professor of Economics and Sociology.* 11 Perkins Street, Topsham
- EDWARD POLS, A.B., A.M., Ph.D. (*Harvard*), *Professor of Philosophy.* 5 Columbia Avenue
- ARTHUR LEROY GREASON, JR., A.B. (*Wesleyan*), A.M., Ph.D. (*Harvard*), *Dean of the College, and Professor of English.* 256 Maine Street



JAMES MALCOLM MOULTON, B.S. (*Massachusetts*), A.M., Ph.D. (*Harvard*), *Professor of Biology*.  
11 McKeen Street

ROBERT KINGDON BECKWITH, B.S. (*Lehigh*), M.S. (*Juilliard*), *Professor of Music*. (On leave of absence in the Spring Semester.)  
31 Magean Street

WILLIAM BOLLING WHITESIDE, A.B. (*Amherst*), A.M., Ph.D. (*Harvard*), *Professor of History, and Director of the Senior Center*.  
Chamberlain Hall

WILLIAM DAVIDSON GEOGHEGAN, A.B. (*Yale*), B.D. (*Drew*), Ph.D. (*Columbia*), *Professor of Religion*.  
40 Federal Street

LOUIS OSBORNE COXE, A.B. (*Princeton*), *Pierce Professor of English*.  
Adams Road, East Brunswick

PAUL GIFFORD DARLING, A.B. (*Yale*), A.M. (*New York University*), Ph.D. (*Columbia*), *Professor of Economics*.  
68 Spring Street

RICHARD SHERMAN FLEMING, A.B. (*Pennsylvania*), Lieutenant Colonel, U.S.A., *Professor of Military Science*.  
262 Maine Street

CHARLES DOUGLAS MCGEE, B.S., A.M. (*Northwestern*), Ph.D. (*Harvard*), *Professor of Philosophy*. (On leave of absence.)

JOHN CHAUNCEY DONOVAN, A.B. (*Bates*), A.M., Ph.D. (*Harvard*), *DeAlva Stanwood Alexander Professor of Government*.  
56 Federal Street

EDWARD JOSEPH GEARY, A.B. (*Maine*), A.M., Ph.D. (*Columbia*), hon. M.A. (*Harvard*), *Longfellow Professor of Romance Languages*.  
North Harpswell

JOHN PAUL ARMSTRONG, A.M., Ph.D. (*Chicago*), *Visiting Professor of Government*. (Fall 1967 Semester.)  
Chamberlain Hall

THEODORE MEYER GREENE, A.B. (*Amherst*), Ph.D. (*University of Edinburgh*), LL.D. (*Davidson, Hobart, Pittsburgh, Rockford*), D.D. (*Amherst*), L.H.D. (*Ripon*), D.Litt. (*Colby*), *Visiting Professor of Philosophy*.  
Senior Center

CHARLES ELLSWORTH HUNTINGTON, A.B., Ph.D. (*Yale*), *Associate Professor of Biology*.  
North Harpswell

ELROY OSBORNE LACASCE, JR., A.B. (*Bowdoin*), A.M. (*Harvard*), Ph.D. (*Brown*), *Associate Professor of Physics*.  
86 Federal Street (Apt. A)



WILLIAM DAVIS SHIPMAN, A.B. (*University of Washington*), A.M. (*California*), Ph.D. (*Columbia*), Associate Professor of Economics.

75 Federal Street

ARTHUR MEKEEL HUSSEY II, B.S. (*Pennsylvania State*), Ph.D. (*Illinois*), Associate Professor of Geology.

Old Post Road, Bowdoinham

GERALD KAMBER, A.B. (*Rutgers*), A.M. (*Middlebury*), Ph.D. (*Johns Hopkins*), Associate Professor of Romance Languages.

12 Bowdoin Street

ALFRED HERMAN FUCHS, A.B. (*Rutgers*), A.M. (*Ohio*), Ph.D. (*Ohio State*), Associate Professor of Psychology.

5 Longfellow Avenue

DANA WALKER MAYO, B.S. (*Massachusetts Institute of Technology*), Ph.D. (*Indiana*), Associate Professor of Chemistry.

26 Magean Street

JOHN LAFOLLETTE HOWLAND, A.B. (*Bowdoin*), Ph.D. (*Harvard*), Associate Professor of Biology.

25 Magean Street

DANIEL LEVINE, A.B. (*Antioch*), A.M., Ph.D. (*Northwestern*), Associate Professor of History.

Mere Point Road

JOHN CORNELIUS RENSENBRINK, A.B. (*Calvin*), A.M. (*Michigan*), Ph.D. (*Chicago*), Associate Professor of Government.

Cathance Road, Topsham

ROGER HOWELL, JR., A.B. (*Bowdoin*), B.A., M.A., D.Phil. (*Oxford*), Associate Professor of History.

278 Maine Street

ROBERT RAYMOND NUNN, A.B., (*Rutgers*), A.M. (*Middlebury*), Ph.D. (*Columbia*), Assistant Professor of Romance Languages.

8 Hawthorne Street

JAMES LEE HODGE, A.B. (*Tufts*), A.M., Ph.D. (*Pennsylvania State*), Assistant Professor of German.

46 Stanwood Street

CLIFFORD RAY THOMPSON, JR., A.B., A.M., Ph.D. (*Harvard*), Assistant Professor of Romance Languages.

234 Maine Street

DANIEL J. STERLING, B.S. (*St. Lawrence*), A.M. (*Columbia*), Ph.D. (*Wisconsin*), Assistant Professor of Mathematics.

20 Hawthorne Street

THOMAS BROWNE CORNELL, A.B. (*Amherst*), Assistant Professor of Art.

254 Maine Street

ROBERT ADOLPH WALKLING, A.B. (*Swarthmore*), M.S., Ph.D. (*Harvard*), Assistant Professor of Physics.

34 Boody Street

JAMES DANIEL REDWINE, JR., A.B. (*Duke*), A.M. (*Columbia*), Ph.D. (*Princeton*), *Assistant Professor of English*. 27 McKeen Street

REGINALD LEE HANNAFORD, A.B., Ed.M. (*Harvard*), B.Litt. (*Oxford*), *Assistant Professor of English*. Durham Road

JAMES HENRY TURNER, A.B. (*Bowdoin*), B.S., M.S., Ph.D. (*Massachusetts Institute of Technology*), *Assistant Professor of Physics*. 19 Potter Street

SAMUEL SHIPP BUTCHER, A.B. (*Albion*), A.M., Ph.D. (*Harvard*), *Assistant Professor of Chemistry*. Hillside Road

ELLIOTT SHELLING SCHWARTZ, A.B., A.M., Ed.D. (*Columbia*), *Assistant Professor of Music*. (On leave of absence in the Fall Semester.) 5 Atwood Lane

JERRY WAYNE BROWN, A.B. (*Harvard*), B.D. (*Eastern Baptist Theological Seminary*), A.M. (*Pennsylvania, Princeton*), Ph.D. (*Princeton*), *Dean of Students, and Assistant Professor of Religion*. 2 Richards Drive

BROOKS WHITNEY STODDARD, A.B. (*Williams*), A.M. (*New York University*), *Assistant Professor of Art*. Bunganuc Road

ANTHONY LOUIS BASCELLI, A.B., A.M., Ph.D. (*Rutgers*), *Assistant Professor of Romance Languages*. 1 Page Street (Apt. 105)

KENNETH PAUL FREEMAN, B.S. (*Massachusetts Institute of Technology*), A.M. (*Yale*), *Assistant Professor of Philosophy*. 7 Lincoln Street

HERBERT RANDOLPH COURSEN, JR., A.B. (*Amherst*), A.M. (*Wesleyan*), Ph.D. (*Connecticut*), *Assistant Professor of English*. 84 Merrymeeting Road

ROBERT WELLS JOHNSON, A.B. (*Amherst*), M.S., Ph.D. (*Massachusetts Institute of Technology*), *Assistant Professor of Mathematics*. 2 Oakland Street

CHARLES ALFRED GROBE, JR., B.S., M.S., Ph.D. (*Michigan*), *Assistant Professor of Mathematics*. 10 Bowdoin Street

ALBERT MYRICK FREEMAN III, A.B. (*Cornell*), A.M., Ph.D. (*University of Washington*), *Assistant Professor of Economics*. 8 Cleaveland Street (Apt. B)

JOHN EUGENE SHEATS, B.S. (*Duke*), Ph.D. (*Massachusetts Institute of Technology*), *Assistant Professor of Chemistry*. 85 Federal Street

- BARRY MILLER MITCHELL, A.B., A.M. (*Toronto*), Ph.D. (*Brown*), *Assistant Professor of Mathematics*. Hill Road, Long Cove, West Bath
- BURTON RUBIN, A.B. (*New York University*), A.M. (*Columbia*), *Assistant Professor of Russian*. 15 Magean Street
- ROBERT EARLE KNOWLTON, A.B. (*Bowdoin*), *Assistant Professor of Biology*. 84 Federal Street (Apt. D)
- RICHARD HORNBY, B.S. (*Massachusetts Institute of Technology*), A.M., Ph.D. (*Tulane*), *Assistant Professor of English, and Director of Dramatics*. 8 Cleaveland Street (Apt. A)
- JOHN WILLIAM AMBROSE, JR., A.B., A.M., Ph.D. (*Brown*), *Assistant Professor of Classics*. Mallett Drive, Topsham
- PAUL LUTHER NYHUS, A.B. (*Augsburg*), S.T.B., Ph.D. (*Harvard*), *Assistant Professor of History*. 86 McKeen Street
- EDWARD HERBERT HANIS, A.B. (*Cornell*), *Assistant Professor of Economics*. 7 Barrows Street
- LAWRENCE CHARLES PERLMUTER, A.B. (*Boston University*), A.M., Ph.D. (*Syracuse*), *Assistant Professor of Psychology*. 13 Barrows Street
- ALLAN JOSEPH SILBERGER, A.B. (*Rochester*), A.M., Ph.D. (*Johns Hopkins*), *Assistant Professor of Mathematics*. 9 Federal Street
- RALPH BARTLETT OSGOOD, JR., B.S. (*Massachusetts*), Lieutenant Colonel, U.S.A., *Assistant Professor of Military Science*. Mere Point Road
- WILLIAM TAYLOR HUGHES, B.S., A.M. (*Indiana*), Ph.D. (*Northwestern*), *Assistant Professor of Physics and Astronomy*. 8 McKeen Street
- DAVID ALAN WHEATLAND, B.S. (*Brown*), *Assistant Professor of Chemistry*. 81 McKeen Drive
- ROBIN BRUCE STIRLING BROOKS, A.B. (*Columbia*), A.M. (*Yale*), *Assistant Professor of Mathematics*. 36 Longfellow Avenue
- FREDERICK NEIL SPRINGSTEEL, A.B. (*Notre Dame*), A.M. (*University of Washington*), *Assistant Professor of Mathematics*. 10 South Street
- GEORGE FREDERICK KAWASH, B.S. (*Tufts*), A.M. (*Syracuse*), *Assistant Professor of Psychology*. Maquoit Road
- BARRY LEE LIVELY, B.S. (*Pennsylvania State*), A.M. (*Kent*), *Assistant Professor of Psychology*. 41 Harpswell Street



- EDWARD EMIL LANGBEIN, JR., A.B. (*Bowdoin*), Major, U.S.A., *Assistant Professor of Military Science*. 55 Boody Street
- JOHN MARTIN SUTTON, JR., A.B. (*Boston College*), Captain, U.S.A., *Assistant Professor of Military Science*.
- EDWARD BOYD MINISTER, A.B. (*Ohio*), A.M., Ed.D. (*Teachers College*), *Assistant Professor of Sociology*. 39 Chamberlain Avenue
- IVAN JULIAN HYAMS, B.Sc. (*Sir John Cass College, London*), Ph.D. (*Royal Holloway College, Surrey*), *Assistant Professor of Chemistry*.
- MICHAEL BARRY OSTERHOUDT, B.S. (*Penn State*), Captain, U.S.A., *Assistant Professor of Military Science* (after November 1, 1967).
- MYRON WHIPPLE CURTIS, A.B. (*Bowdoin*), A.M. (*University of California, Los Angeles*), *Director of the Computing Center, and Lecturer in Mathematics*. 110 Union Street
- RICHARD ANTHONY SAYER ARNELL, hon. F.T.C.L. (*Trinity College of Music, London*), *Visiting Lecturer in Music*. 5 Atwood Lane
- BILLY WAYNE REED, A.B. (*Memphis State*), A.M. (*Michigan*), *Instructor in Speech in the Department of English*. J-4 Brunswick Apts.
- JAMES ERNEST FISHER, JR., A.B. (*Bowdoin*), A.M. (*Harvard*), *Instructor in English*. 10 Cleaveland Street (Apt. D)
- ROBERT FRIEND III, A.B. (*Dartmouth*), A.M. (*North Carolina*), *Instructor in English*. 5 Peary Drive
- MICHAEL ANTHONY MALEC, B.S. (*Loyola University, Chicago*), M.S. (*Purdue*), *Instructor in Sociology*. 84 Federal Street (Apt. B)
- ALFONS ESPOSITO II, A.B. (*Queens*), *Instructor in German*. 10 Cleaveland Street (Apt. C)
- DAVID MICHAEL BAZAR, B.S. (*Southwestern Louisiana*), A.M. (*North Carolina*), *Instructor in Mathematics*. 86 Federal Street
- DOUGLAS MACMURRAY FOX, A.B. (*Yale*), *Instructor in Government*. 10 Cleaveland Street (Apt. B)
- RODNEY JOHN ROTHLSBERGER, A.B. (*St. Olaf*), A.M. (*Eastman*), *Instructor in Music*.
- KIRK RETIG EMMERT, A.B. (*Williams*), A.M. (*Chicago*), *Instructor in Government*. 10 Page Street
- DANIEL KNOWLES MACFAYDEN, *Coach of Baseball and Freshman Hockey, and Director of the Arena*. Simpson's Point



FRANK FABEAN SABASTEANSKI, A.B. (*Bowdoin*), Ed.M. (*Boston University*), *Coach of Track and Cross-Country*. 5 Berry Street

EDMUND LAWRENCE COOMBS, B.S. (*Bowdoin*), *Coach of Golf, Assistant Coach of Football, and Coach of Freshman Basketball*. 271 Maine Street

MIKE LINKOVICH, A.B. (*Davis and Elkins*), *Assistant Coach, and Trainer in the Department of Physical Education*. 33 Longfellow Avenue

SIDNEY JOHN WATSON, B.S. (*Northeastern*), *Coach of Hockey, Assistant Coach of Football, and Coach of Freshman Lacrosse*. 270 Maine Street

PETER KOSTACOPOULOS, B.S. (*Maine*), *Coach of Football, and Coach of Freshman Baseball*. 20 Belmont Street

CHARLES JOSEPH BUTT, B.S., M.S. (*Springfield*), *Coach of Soccer, Coach of Swimming, and Director of the Curtis Swimming Pool*. Allen Point Road, Harpswell Center

RAY STUART BICKNELL, B.S., M.S. (*Springfield*), *Coach of Basketball and Tennis, and Assistant Coach of Football*. 35 Eastlawn Road, Portland

---

*Teaching Fellows*

HAROLD EDWIN ARNDT, B.S. (*Connecticut*), *Teaching Fellow in Biology*. Freeport

KLAUS BAMBACH, *Teaching Fellow in German*. Senior Center

MALCOLM JAMES BEST, *Teaching Fellow in Spanish*. Senior Center

PETER CLAUDE BROWN, A.B. (*Middlebury*), *Teaching Fellow in Biology*.

WAYNE LESLIE HALL, A.B. (*Bowdoin*), *Teaching Fellow in Physics*.

DAVID WARNER HOYT, B.S. (*Bates*), *Teaching Fellow in Chemistry*.

ECKHARD ROOS, *Teaching Fellow in German*. Senior Center

GERHARD ROUSSET, *Teaching Fellow in French*. Senior Center

PIERRE TURPIN, *Teaching Fellow in French*. Senior Center

## COMMITTEES OF THE FACULTY

## STANDING

*Administrative:* The Acting President, *Chairman*; the Dean of the College, the Dean of Students, the College Physician (all ex officio); and Messrs. Coursen, Gustafson, Hanis, Hussey, and Sterling.

*Athletics:* The Dean of the College, *Chairman*; the Dean of Students and the Director of Athletics; and Messrs. Geoghegan, Gustafson, and Kamber.

*Computing Center:* Mr. Walkling, *Chairman*; the Bursar; and Messrs. A. M. Freeman, Grobe, Knowlton, and Perlmutter; with Mr. Curtis as *Secretary*.

*Curriculum and Educational Policy:* The Acting President, *Chairman*; the Dean of the College, the Dean of the Faculty, and the Director of the Senior Center; and Messrs. Donovan, Fuchs, Hall, Hodge, Howell, and Kamerling.

*Faculty Research:* The Acting President, *Chairman*; the Dean of the Faculty (both ex officio); and Messrs. Hannaford, J. M. Moulton, Stoddard, and Walkling.

*Graduate Scholarships:* The Acting President, *Chairman*; the Dean of the College, and the Director of Student Aid, *Secretary*; and Messrs. H. R. Brown, Darling, Howell, Sheats, and Walkling.

*Lectures and Concerts:* Mr. Jeppesen, *Chairman*; the Executive Secretary (ex officio); and Messrs. \*Beckwith, Cornell, K. P. Freeman, Nunn, Redwine, †Schwartz, and Whiteside.

*Library:* Mr. Coxe, *Chairman*; the Librarian (ex officio); and Messrs. \*Abrahamson, Butcher, †Nyhus, Pols, and Thompson.

*Military Affairs:* Mr. Taylor, *Chairman*; the Dean of the College and the Professor of Military Science; and Messrs. Ambrose and Nunn.

*Preparatory Schools and Admissions:* \*Mr. Abrahamson, *Chairman*; †Mr. Shipman, *Chairman*; the Acting President, the Dean of the College, the Dean of Students, and the Director of Admissions, *Secretary*; and Messrs. †Knowlton, Levine, Sabasteanski, and Turner.

*Recording:* The Dean of the College, *Chairman*; the Acting President and the Dean of Students; and Messrs. Curtis, Darling, Kamerling, LaCasce, Pols, and Redwine.

*Senior Center Council:* Mr. Geoghegan, *Chairman*; the Director of the Senior Center and the Dean of the Faculty; and Messrs. Butcher, Harwell, and Johnson.

*Student Activities Fee:* Mr. Dane, *Chairman*; and Messrs. Bascelli, Grobe, and Monke; the President of the Student Council and four other undergraduates; with Mr. H. K. Warren as *Secretary*.

*Student Aid:* The Dean of the College, *Chairman*; the Dean of Students and the Director of Student Aid, *Secretary*; and Messrs. A. M. Freeman, Riley, and Thayer.

*Student Awards:* Mr. Chittim, *Chairman*; and Messrs. Hughes, Koelln, Leith, Redwine, and Reed.

*Teaching as a Career:* Mr. Johnson, *Chairman*; the Alumni Secretary (ex officio); and Messrs. Hazelton, Ladd, Malec, Rubin, and Thompson.

\* Fall Semester only.      † Spring Semester only.

‡ On Committee full year; Chairman Spring Semester only.

#### SPECIAL

*Biennial Institute:* Mr. Rensenbrink, *Chairman*; and Messrs. Jeppesen, Levine, Mitchell, and Stoddard.

*Committee on Committees:* The Dean of the Faculty, *Chairman*; and Messrs. K. P. Freeman, Fuchs, Geary, and Hazelton.

*Educational Television:* Mr. Beam, *Chairman*; and Messrs. Gustafson, Hazelton, Hornby, and Reed.

*Non-Western Studies:* Mr. Levine, *Chairman*; the Dean of the Faculty; and Messrs. Huntington, Rensenbrink, and Thompson.

*Patent Policy Committee:* Mr. Jeppesen, *Chairman*; the Dean of the Faculty, and Messrs. Coursen, Howland, and Mayo.

*Student Life:* The Dean of Students, *Chairman*; the Dean of the College; and Messrs. Ambrose, Coursen, Donovan, Huntington, Johnson, and H. K. Warren.

*Study Committee on Graduate Work:* Mr. Christie, *Chairman*; the Dean of the Faculty; and Messrs. Geary, Howell, Howland, and Mayo.

*Sub-Committee of C.E.P. on Calendar:* Mr. Hazelton, *Chairman*; the Dean of the College, and Messrs. Chittim, K. P. Freeman, and Nunn.



# Officers of Administration

## GENERAL ADMINISTRATION

(Hawthorne-Longfellow Hall)

JAMES STACY COLES, B.S. (*Mansfield*), A.B., A.M., Ph.D. (*Columbia*), D.Sc. (*New Brunswick*), LL.D. (*Brown, Maine, Colby, Columbia, Middlebury*), Sc.D. (*Merrimack*), *President*. (On sabbatic leave.)

ATHERN PARK DAGGETT, A.B. (*Bowdoin*), A.M., Ph.D. (*Harvard*), *Acting President*.

ARTHUR LEROY GREASON, JR., A.B. (*Wesleyan*), A.M., Ph.D. (*Harvard*), *Dean of the College*.

JAMES ALLEN STORER, A.B. (*Columbia*), A.M., Ph.D. (*Harvard*), *Dean of the Faculty*.

WOLCOTT ANDERS HOKANSON, JR., A.B. (*Bowdoin*), M.B.A. (*Harvard*), *Vice President for Administration and Finance*.

JERRY WAYNE BROWN, A.B. (*Harvard*), B.D. (*Eastern Baptist Theological Seminary*), A.M. (*Pennsylvania, Princeton*), Ph.D. (*Princeton*), *Dean of Students*.

PHILIP SAWYER WILDER, B.S. (*Bowdoin*), Ed.M. (*Harvard*), *Adviser to Foreign Students*.

MISS HELEN BUFFUM JOHNSON, *Registrar*.

TIMOTHY FRENCH BROOKS, A.B. (*Bowdoin*), *Administrative Assistant to the Dean of Students*.

---

MISS KATHRYN DRUSILLA FIELDING, A.B. (*Connecticut College*), *Secretary to the President*.

## ADMISSIONS OFFICE

(Hawthorne-Longfellow Hall)

RICHARD WOOD MOLL, A.B. (*Duke*), B.D. (*Yale*), *Director*.

WALTER HENRY MOULTON, A.B. (*Bowdoin*), *Assistant Director, and Director of Student Aid*.

SAMUEL WHITNEY ELLIOT, A.B. (*Bowdoin*), *Assistant Director*.

MISS MARGARET EDISON DUNLOP, A.B. (*Wellesley*), *Assistant*.



ATHLETIC OFFICE

(New Gymnasium)

DANIEL STUCKEY, A.B. (*Princeton*), A.M. (*Harvard*), *Director of Athletics.*

DANIEL KNOWLES MACFAYDEN, *Director of the Arena.* Hockey Arena

WILLIAM EDWARD MORGAN, *Assistant.*

BUSINESS OFFICE

(Hawthorne-Longfellow Hall)

ALDEN HART SAWYER, B.S. (*Bowdoin*), *Treasurer.* Portland

THOMAS MARTIN LIBBY, A.B. (*Maine*), *Bursar.*

JAMES PACKARD GRANGER, B.S. (*Boston University*), *Controller.*

HOWARD EUGENE SKILLINGS, B.S. (*New Hampshire*), *Administrative Assistant.*

DUDLEY COE INFIRMARY

DANIEL FRANCIS HANLEY, A.B. (*Bowdoin*), M.D. (*Columbia*), *College Physician.*

COMPUTING CENTER

(Hubbard Hall)

MYRON WHIPPLE CURTIS, A.B. (*Bowdoin*), A.M. (*University of California, Los Angeles*), *Director.*

OFFICE OF EXECUTIVE SECRETARY

(Hawthorne-Longfellow Hall)

EVERETT LEROY KNIGHT, A.B. (*Bowdoin*), *Executive Secretary.*

CHARLES WARREN RING, A.B. (*Hamilton*), *Development Officer.*

RUSSELL SIMPSON DOUGLAS, A.B. (*Bowdoin*), *Development Officer.*

GLENN KEVILLE RICHARDS, A.B. (*Bowdoin*), *Alumni Secretary.*

ROBERT MELVIN CROSS, A.B. (*Bowdoin*), A.M. (*Harvard*), *Secretary of the Alumni Fund.*

JOSEPH DAVID KAMIN, B.S. (*Boston University*), *Director of News Services.* Getchell House

EDWARD BORN, A.B. (*Bowdoin*), A.M. (*Michigan*), *College Editor, and Editor of the Bowdoin Alumnus.*

MISS EDITH ELLEN LYON, *Assistant, College Editor.*

## GROUNDS AND BUILDINGS

(*Rhodes Hall*)

JOHN FRANCIS BRUSH, B.S. (*Gorham*), *Superintendent.*

ANDRÉ ROLLAND WARREN, B.B.A. (*Levis*), *Assistant Superintendent.*

WILLIAM HENRY COOMBS, *Assistant to the Superintendent.*

FREDERICK WENDELKEN, JR., *Assistant to the Superintendent.*

CARLETON CLARK YOUNG, A.B. (*Hamilton*), *College Forester.*

24 College Street

## HAWTHORNE-LONGFELLOW LIBRARY

RICHARD BARKSDALE HARWELL, A.B., A.B.L.S. (*Emory*), D.Litt. (*New England*), *Librarian.*

ARTHUR MONKE, A.B. (*Gustavus Adolphus*), M.S. in L.S. (*Columbia*), *Assistant Librarian.*

MRS. JEAN KENNEDY GUEST, B.S. (*Simmons*), *Assistant Circulation Librarian.*

RICHARD EDWIN KIRKWOOD, A.B. (*Dartmouth*), M.S. in L.S. (*Columbia*), *Documents Librarian.*

JOSEPH JENSEN DERBYSHIRE, A.B., A.M. (*Utah*), M.L. (*University of Washington*), *Director, Cataloging.*

MISS JOYCE ANN TRACY, A.B. (*Maine*), M.L. (*University of Washington*), *Cataloger, Recataloging Project.*

ROBERT LAWRENCE VOLZ, A.B. (*Marquette*), M.A. in L.S. (*Wisconsin*), *Special Collections Librarian.*

DAVID CLARENCE VAN HOY, A.B. (*Washington State University*), M.S.L.S. (*Western Reserve*), *Cataloger.*

JOHN BRIGHT LADLEY, JR., B.S. (*Pittsburgh*), M.L.S. (*Carnegie Institute of Technology*), *Reference Librarian.*

EUGENE WILLIAM HUGUELET, A.B. (*North Carolina*), A.M. (*East Carolina*), M.Ln. (*Emory*), *Acquisitions Librarian.*

EDWARD COHEN, B.S. (*Pennsylvania*), M.S.L.S. (*Emory*), *Cataloger, Recataloging Project.*

AARON WEISSMAN, A.B. (*City College of New York*), M.S. in L.S. (*Columbia*), *Circulation Librarian.*

#### MOULTON UNION

DONOVAN DEAN LANCASTER, A.B. (*Bowdoin*), *Director of the Moulton Union and the Centralized Dining Service.*

HARRY KNIGHT WARREN, A.B. (*Pennsylvania*), *Assistant Director.*

MISS ALMOZA CEDIA LECLERC, *Bookstore Manager.*

ORMAN EWIN HINES, *Manager, Food Service.*

#### MUSEUM OF ART

RICHARD VINCENT WEST, A.B. (*University of California, Santa Barbara*), A.M. (*University of California, Berkeley*), *Curator.*

#### PLACEMENT BUREAU

(*Banister Hall*)

SAMUEL APPLETON LADD, JR., B.S. (*Bowdoin*), *Director of the Placement Bureau and of Student Housing.*

#### PUBLIC AFFAIRS RESEARCH CENTER

(*Hubbard Hall*)

DANA ANTON LITTLE, A.B. (*Bowdoin*), A.M. (*Clark*), *Director.*

DUSTIN STUART PEASE, A.B. (*Rhode Island*), A.M. (*Claremont Graduate School*), *Research Associate.*

#### SENIOR CENTER

WILLIAM BOLLING WHITESIDE, A.B. (*Amherst*), A.M., Ph.D. (*Harvard*), *Director.*



# College Campus and Buildings

**B**OWDOIN College is located in the town of Brunswick, Maine, which was first settled in 1628 on the banks of the Androscoggin River, a few miles from the shores of Casco Bay. The traveling time by car from Boston is about two and one-half hours, and from New York about eight hours. The present campus, which was originally a sandy plain covered with blueberries and pines, is now a spacious tract of one hundred and ten acres containing more than thirty buildings and several playing fields.

Massachusetts Hall is the oldest building on the campus, having been completed in 1802. For several years it housed the students, and all classes were held there. In late years, until the fall of 1965, the President and some of the other college officials had their offices in this historic old building. It is now used for offices for some of the members of the Faculty.

The work of the College has its heart and center in the Nathaniel Hawthorne-Henry Wadsworth Longfellow Library, which contains the accumulations of over a century and a half. The nucleus of its more than 330,000 volumes is the treasured collection of books and pamphlets bequeathed by the Honorable James Bowdoin, the earliest patron of the College. These "Bowdoin Books," rich in French literature, American history, and mineralogy, were supplemented by the same generous benefactor's gift of his art collection containing many paintings of old and modern masters. Among the paintings are the portraits of Thomas Jefferson and James Madison by Gilbert Stuart, and a notable collection of portraits by the distinguished Colonial artist Robert Feke. These and other treasures are exhibited in the Walker Art Building. The resources of the Library and Museum are described in more detail elsewhere in the catalogue.

College classes are held in Memorial Hall, Banister Hall, Adams Hall, Hubbard Hall, the Searles Science Building, Sills Hall, Smith Auditorium, Cleaveland and Gibson Halls, the Walker Art Building, and the Senior Center. When students are not engaged in the library, laboratories, and recitation rooms, they have at their disposal many admirably equipped facilities for recreation. These resources include the Moulton Union, the New Gymnasium, the Sargent Gymnasium, the Hyde Athletic Building, the Curtis Pool, the Arena, and the playing fields of the College. Another valuable adjunct for the health of the student body is the Dudley Coe Memo-





- |                                     |  |                              |                      |                         |                          |                        |                                 |
|-------------------------------------|--|------------------------------|----------------------|-------------------------|--------------------------|------------------------|---------------------------------|
| 1. Massachusetts Hall               | 5. Gibson Hall                           | 9. Senior Center             | 14. Maine Hall       | 19. Cleaveland Hall     | 24. Arena                | 29. Pickard Field      | 34. Grounds and Buildings Dept. |
| 2. Pickard Theater in Memorial Hall | 6. Hawthorne-Longfellow Library and Hall | 10. Coleman Hall             | 15. Winthrop Hall    | 20. Heating Plant       | 25. Curtis Swimming Pool | 30. Pickard Fieldhouse | 35. Getchell House              |
| 3. Searles Science Bldg.            | 7. Hubbard Hall                          | 11. Hyde Hall                | 16. Adams Hall       | 21. Sargent Gymnasium   | 26. Dudley Coe Infirmary | 31. President's House  | 36. Ham House                   |
| 4. Walker Art Bldg.                 | 8. Little-Mitchell House                 | 12. Appleton Hall            | 17. Sills Hall       | 22. New Gymnasium       | 27. Moore Hall           | 32. Alumni House       | 37. First Parish Church         |
|                                     |  | 13. Chapel and Banister Hall | 18. Smith Auditorium | 23. Hyde Athletic Bldg. | 28. Moulton Union        | 33. Rhodes Hall        |                                 |





rial Infirmary; its facilities and the services of the College Physician are available to all students.

## THE COLLEGE BUILDINGS

MASSACHUSETTS HALL, planned in 1798 and completed in 1802, was the first college building erected. In 1936 the entire building was remodeled, and until 1965 it provided quarters for some of the administrative officers. In 1941, through a gift of Frank Herbert Swan, LL.D., of the Class of 1898, the third floor was restored and furnished as a Faculty Room. The building is now used for faculty offices.

MAINE HALL (1808), known originally as "the College," and named later to commemorate the admission of Maine to the Union; WINTHROP HALL (1822), named in honor of Governor John Winthrop of the Massachusetts Bay Colony; APPLETON HALL (1843), named in honor of the second president of the College; HYDE HALL (1917), named in honor of the seventh president of the College, and built from contributions from many of the alumni; MOORE HALL (1941), named in honor of his father by the donor, Hoyt Augustus Moore, LL.D., of the Class of 1895; and COLEMAN HALL (1958), named in honor of the family of the donor, Jane Coleman Pickard (Mrs. Frederick W. Pickard), are the six campus dormitories. In 1964-1966 the interiors of Winthrop, Maine, and Appleton Halls were completely renovated.

THE CHAPEL, a Romanesque church of undressed granite, designed by Richard Upjohn, was built during the decade from 1845 to 1855 from funds received from the Bowdoin estate. The façade is distinguished by twin towers and spires which rise to the height of one hundred and twenty feet. The interior resembles the plan of English college chapels, with a broad central aisle from either side of which rise the ranges of seats. The lofty walls are decorated with twelve large paintings. The Chapel stands as a monument to President Leonard Woods, fourth president of the College, under whose personal direction it was erected. The flags, added in recent years, are of the original thirteen colonies plus Maine, which was a part of Massachusetts at the time of the founding of the College in 1794. A set of eleven chimes, the gift of William Martin Payson, of the Class of 1874, was installed in the southwest tower in 1924. In the Chapel is an organ given in 1927 by Cyrus H. K. Curtis, LL.D. That portion of the chapel building which formerly housed the reading rooms and stack space of the college library was named

BANISTER HALL in 1850 in recognition of the gifts of the Honorable William Banister. It now contains the offices of the Director of the Placement Bureau and the lecture room and laboratory of the Department of Psychology.

SETH ADAMS HALL was erected in 1860-1861. It was named in honor of Seth Adams, Esq., of Boston, who contributed liberally towards its construction. The building stands west of the Presidents' Gateway. From 1862 until 1921 it housed the classrooms of the Medical School of Maine. It is now used for lectures, recitations, conferences, and faculty offices.

MEMORIAL HALL, built in 1868, is a structure of local granite in the Gothic style. It is a memorial to the graduates and students of the College who served in the Civil War whose names and ranks are inscribed on bronze plaques in the lobby. The lower story contains classrooms and an experimental theater. The entire interior was rebuilt in 1954-1955 to house the Pickard Theater, one of the many gifts of Frederick William Pickard, LL.D., of the Class of 1894.

THE PRESIDENT'S HOUSE, built in 1860 by Captain Francis C. Jordan, originally stood on the lot at 77 Federal Street. It was purchased by the College in 1867 and was occupied by President Harris until 1871. The house was purchased by Mr. Peleg W. Chandler, and in 1874 he had it moved to its present location at the corner of Federal and Bath Streets. At a later date the College reacquired the house, and shortly after President Hyde assumed office in 1885, it became his official residence. In 1926 the ballroom was added, and in 1952 the house was modernized and partially furnished by the College.

THE OBSERVATORY was erected in 1890-1891 with funds given by John Taylor, Esq., of Fairbury, Illinois. It stands on the southeast corner of Pickard Field and is reached from the Harpswell Road. In 1965 it was completely renovated and a new telescope was installed.

THE WALKER ART BUILDING, designed by McKim, Mead & White, was erected in 1892-1894. It was given to the College by the Misses Harriet and Sophia Walker, of Waltham, Massachusetts, as a memorial to their uncle, Theophilus Wheeler Walker, of Boston, a cousin of President Woods. A bronze bulletin board in memory of Henry Edwin Andrews, A.M., of the Class of 1894, Director of the Museum, 1920-1939, is located in Sculpture Hall. The building is



surrounded on three sides by a paved terrace with supporting walls and parapets of granite. Granite and bronze sculptures adorn the front wall.

THE MARY FRANCES SEARLES SCIENCE BUILDING, designed by Henry Vaughan, was built in 1894 and completely renovated and modernized in 1952. It was the gift of Edward F. Searles, Esq., in memory of his wife. With the Walker Art Building and Gibson Hall, it forms the western side of the quadrangle. The building contains lecture rooms, laboratories, and libraries of the Departments of Biology and Physics.

HUBBARD HALL, also designed by Henry Vaughan and erected in 1902-1903, was the gift of General Thomas H. Hubbard, LL.D., of the Class of 1857, and his wife, Sibyl Fahnestock Hubbard. For over sixty years, until the fall of 1965, it was the College Library. After suitable renovations it is now used for faculty offices, examination rooms, and the Department of Geology. Located in the basement is the Computing Center, which contains an IBM 1620 Central Processing Unit and related equipment. The laboratory is available to the entire college community and is directed by a member of the Faculty. The Peary-MacMillan Arctic Museum is located on the first floor, and the Library's Rare Book Room remains on the second floor.

THE HUBBARD GRANDSTAND was given to the College in 1904 by General Thomas H. Hubbard, LL.D., of the Class of 1857. It is situated on WHITTIER FIELD, a tract of five acres, named in honor of Frank Nathaniel Whittier, M.D., of the Class of 1885, for many years the Director of the Gymnasium, who was largely instrumental in its acquisition for varsity football and track in 1896. An electrically operated scoreboard, the gift of the widows of Harvey Dow Gibson, LL.D., of the Class of 1902, and Adriel Ulmer Bird, A.M., of the Class of 1916, was erected in 1960.

SARGENT GYMNASIUM AND GENERAL THOMAS WORCESTER HYDE ATHLETIC BUILDING were erected in 1912. The Gymnasium was built from contributions from many of the students and alumni, and named in honor of Dudley A. Sargent, M.D., Sc.D., of the Class of 1875; the Athletic Building was given by John Hyde, Esq., of Bath, in memory of his father, Thomas Worcester Hyde, A.M., of the Class of 1861. In 1965-1966 Sargent Gymnasium was altered and renovated to make it part of the comprehensive plan for the indoor athletic facilities of the College.

THE DUDLEY COE MEMORIAL INFIRMARY is a three-story brick building erected in 1916-1917. It was given by Thomas Upham Coe, M.D., of the Class of 1857, in memory of his son, and stands in the pines to the south of the Hyde Athletic Building. In 1957 it was enlarged through a gift by Agnes M. Shumway, A.M. (Mrs. Sherman N. Shumway). In 1962 it was licensed by the State as a private general hospital.

THE CURTIS SWIMMING POOL was given to the College in 1927 by Cyrus H. K. Curtis, LL.D. The Pool is housed in a separate wing attached to the Sargent Gymnasium; the Pool itself is of standard size, thirty by seventy-five feet, and is provided with every modern device for ensuring sanitation.

THE MOULTON UNION, designed by McKim, Mead & White, was built in 1927-1928. It was given and partially endowed by Augustus Freedom Moulton, LL.D., of the Class of 1873, as a social, recreational, and service center for the College. In 1964-1965, a two-story extension was added on the south and east sides of the building. The spacious main lounge and several smaller, intimate lounges and student activity areas are provided for general social purposes. The Union also contains the college reception, information, and scheduling center; the campus telephone switchboard, a bookstore, dining facilities, and game rooms. The Union stands just outside the quadrangle opposite Appleton, Hyde, and Moore Halls.

THE PICKARD FIELD HOUSE stands at the entrance of Pickard Field. It was given in 1937 by Frederick William Pickard, LL.D., of the Class of 1894, and Mrs. Pickard. The building contains a pleasant lounge as well as lockers and showers. PICKARD FIELD, a tract of sixty-six acres, was presented to the College by Mr. Pickard in 1926. In 1952 nine acres were added to the Field by purchase, making a total area of seventy-five acres, thirty of which are fully developed playing fields. The Field contains the varsity and freshman baseball diamonds, several spacious playing fields for football and soccer, and ten tennis courts.

RHODES HALL, formerly the Bath Street Primary School, was purchased from the Town of Brunswick by the College in 1946 to provide additional facilities for instruction and administration. The building was named to commemorate the fact that three pupils of the School later achieved distinction as Rhodes Scholars at Oxford University. Here are the offices of the Superintendent of Grounds and Buildings and the headquarters of the ROTC.

SILLS HALL AND THE SMITH AUDITORIUM, designed by McKim, Mead & White, were completed in the autumn of 1950. The main structure was made possible by the first appropriations from the Sesquicentennial Fund, and was named after the eighth president of the College, Kenneth Charles Morton Sills (1879-1954), of the Class of 1901; the wing, containing an auditorium seating two hundred and ten people, was built by appropriation of the Francis, George, David, and Benjamin Smith Fund, bequeathed by Dudley E. Wolfe, of Rockland. A language laboratory and a speech center are located on the ground floor of the wing.

PARKER CLEAVELAND HALL, designed by McKim, Mead & White, was dedicated on June 6, 1952. The building was made possible by donors to the Sesquicentennial Fund. It houses the Department of Chemistry and bears the name of Parker Cleaveland, who taught chemistry and mineralogy at Bowdoin from 1805 to 1858, and was a pioneer in geological studies. Special gifts provided these facilities: The Kresge Laboratory of Physical Chemistry, The Wentworth Laboratory of Analytical Chemistry, The 1927 Room (a private laboratory), The Adams Lecture Room, The Burnett Room (a seminar room), and The Dana Laboratory of Organic Chemistry.

SILLS HALL, THE SMITH AUDITORIUM, AND PARKER CLEAVELAND HALL are mainly of brick and designed in a simple modern classical architectural style. Together they bound respectively the north and east sides of a quadrangle on the eastern boundary of the campus.

THE HARVEY DOW GIBSON HALL OF MUSIC, named for Harvey Dow Gibson, LL.D., of the Class of 1902, was dedicated in June, 1954. Its construction was made possible by funds donated by Mrs. Harvey Dow Gibson; by Mrs. Gibson's daughter, Mrs. Whitney Bourne Choate; by the Manufacturers Trust Company of New York; and by several friends of Mr. Gibson. Designed by McKim, Mead & White, the building contains soundproof class, rehearsal, and practice rooms, a recording room, several rooms for listening to records, offices, and the music library. The common room is richly paneled in carved walnut from the music salon designed in 1724 by Jean Lassurance (1695-1755) for the Hôtel de Sens in Paris.

THE PICKARD THEATER IN MEMORIAL HALL, a gift of Frederick William Pickard, LL.D., of the Class of 1894, was dedicated in June, 1955. The Theater, with comfortable seats for over six hundred, contains a stage fifty-five feet wide and thirty feet deep; the



space from the stage floor to the gridiron is forty-eight feet. The floor of the auditorium slopes to an orchestra pit, and under it are lounge and coat rooms. Over the auditorium is shop space for the construction and storage of scenery and stage properties.

THE GETCHELL HOUSE, located at 5 Bath Street, is diagonally opposite Adams Hall. A three-story frame building, it was given to the College in 1955 by Miss Gertrude Getchell, of Brunswick, and completely refurbished in 1956. It houses the offices of the News Services.

NEW MEADOWS RIVER SAILING BASIN. In 1955 the College purchased a cabin and section of shore front with a dock on the east side of the New Meadows River Basin, to provide facilities for the sailing team. The equipment includes five fiberglass dinghies and a power-driven crash boat.

THE HOCKEY ARENA was built in 1956 with contributions from alumni, students, and friends of the College. It contains seats for twenty-seven hundred spectators and a regulation ice-hockey rink with a refrigerated surface two hundred feet long and eighty-five feet wide, as well as shower-bath and locker rooms, and a snack bar. It is located to the east of the Hyde Athletic Building; the entrance faces College Street. The Arena serves primarily the College's physical education activities, especially intramural and intercollegiate contests, and recreational skating for undergraduates.

THE JOHNSON HOUSE, named in memory of Professor Henry Johnson, Ph.D., of the Class of 1874, a distinguished member of the Bowdoin Faculty from 1877 to 1918, and Mrs. Johnson, is located at the corner of Maine and Boody Streets across from the southwestern entrance to the campus. Bequeathed to the College in 1957, this commodious residence is now used as the home of the Dean of the College.

THE CHASE BARN CHAMBER, named in memory of Professor Stanley Perkins Chase, Ph.D., of the Class of 1905, Henry Leland Chapman Professor of English Literature from 1925 to 1951, and Mrs. Chase, is a handsome room located in the ell of the JOHNSON HOUSE. Designed by Felix Burton '07, in the Elizabethan style, the Barn Chamber is heavily timbered, contains a small stage, an impressive fireplace, and houses many of the books from the Chase library. The Chamber is used for small classes, seminars, and conferences.

THE OAKES CENTER, at Bar Harbor, Maine, a twenty-one-room



residence, was given to the College in 1957 by Eunice, Lady Oakes, whose husband, the late Sir Harry Oakes, Bart., was graduated from Bowdoin in 1896. Situated on a seven-acre estate, with extensive water frontage and a private pier, the Center is used for summer educational programs and conferences.

THE MITCHELL HOUSE, named in honor of Professor Wilmot Brookings Mitchell, L.H.D., of the Class of 1890, Edward Little Professor of Rhetoric and Oratory from 1893 to 1939, is located at 6 College Street. It was given to the College by Professor Mitchell in 1961.

THE ALUMNI HOUSE, at 83 Federal Street, next to the President's House, was bequeathed to the College in 1933 on the death of Professor Marshall Perley Cram, Ph.D., of the Class of 1904. Renovated in 1962 and maintained by the College, it is the center of alumni activities at Bowdoin and contains lounges, rest rooms, and other facilities for the use of visiting alumni and their families and guests. The Ladies' Lounge, located on the second floor, was presented by the Society of Bowdoin Women in 1965.

THE LITTLE HOUSE, at 8 College Street, was acquired by the College in 1962.

THE SENIOR CENTER, designed by Hugh Stubbins and Associates, Inc., was completed in the autumn of 1964. Built from funds contributed during the Capital Campaign, it consists of three buildings, each specifically designed to support and reinforce the educational objectives of the program for the Senior year. The main building, a sixteen-story tower, includes living and study quarters, seminar and conference rooms, lounges, accommodations for visitors, and the Director's office. The entire first floor of the tower has been named in memory and honor of the late Henry Quinby Hawes, A.M., of the Class of 1910, and Mrs. Hawes.

WENTWORTH HALL, named in memory of Walter V. Wentworth, Sc.D., of the Class of 1886, Overseer of the College from 1929 to 1958, is a two-story building adjacent and connected to the tower. It contains the dining room, main lounge, and other rooms for instructional, social, and cultural activities.

CHAMBERLAIN HALL, named in memory of General Joshua Lawrence Chamberlain, LL.D., of the Class of 1852, Civil War hero, Governor of Maine, president of Bowdoin from 1871 to 1883, contains apartments for the Director and other participants in the program and a small banquet room for use on special occasions.

THE NEW GYMNASIUM, also designed by Hugh Stubbins and Associates, Inc., is a 50,000-square-foot building connected to the Sargent Gymnasium. Built in 1964-1965 from funds contributed during the Capital Campaign, it contains a modern basketball court with seats for about 2,500 persons, four visiting team rooms, eleven squash courts, offices for the Director of Athletics and his staff, and other rooms for physical education purposes.

THE NATHANIEL HAWTHORNE-HENRY WADSWORTH LONGFELLOW LIBRARY, designed by Steinmann and Cain, of New York, was built in 1964-1965 from funds contributed during the Capital Campaign. It was named after two of Bowdoin's literary giants, both members of the Class of 1825. It houses the principal portions of the library of the College and—in its western end, named HAWTHORNE-LONGFELLOW HALL—most of the general administrative offices of the College. Utilizing the latest concept in library design, modular construction, the Library was planned to complement the older buildings of the College and, at the same time, be compatible with the newer architectural concept of the Senior Center.

#### OTHER MEMORIALS

THE THORNDIKE OAK, standing near the center of the campus, is dedicated to the memory of George Thorndike, of the Class of 1806, who planted the tree in 1802 after the first chapel exercises.

THE CLASS OF 1875 GATEWAY was erected in 1901 as a memorial to members of the Class. It forms the Maine Street entrance of the Class of 1895 Path.

THE CLASS OF 1878 GATEWAY, erected in 1903, is a memorial to members of the Class. It is on Bath Street between Memorial Hall and the First Parish Church.

THE WARREN EASTMAN ROBINSON GATEWAY, erected in 1920 at the southwestern entrance to the campus, is a memorial to Lieutenant Warren Eastman Robinson, of the Class of 1910, who lost his life in the service of his country.

THE FRANKLIN CLEMENT ROBINSON GATEWAY, erected in 1923, is a memorial to Franklin Clement Robinson, LL.D., of the Class of 1873, for thirty-six years a teacher in Bowdoin College, and to his wife, Ella Maria Tucker Robinson. The Gateway forms the northwestern entrance to the campus.

THE CLASS OF 1898 BULLETIN BOARD, erected in 1924 near the Chapel, is a memorial to members of the Class. It is made of bronze, is double-faced and illuminated.

THE CLASS OF 1903 GATEWAY, erected in 1928, is a memorial to members of the Class. It forms the main entrance to the Whittier Athletic Field.

THE MEMORIAL FLAGPOLE, designed by McKim, Mead & White, was erected in 1930 with funds given by the alumni in memory of the twenty-nine Bowdoin men who lost their lives in World War I. The Honor Roll is engraved on the mammoth granite base surmounted by ornamental bronze. The flagpole stands in the southwestern corner of the campus between Hubbard Hall, the Art Building, and Gibson Hall.

THE PRESIDENTS' GATEWAY, erected in 1932, is a gift of the Class of 1907 in memory of William DeWitt Hyde, D.D., LL.D., president of the College from 1885 to 1917, and "as a mark of the enduring regard of all Bowdoin men for the leadership of their Presidents." The Gateway forms one of the northern entrances to the campus from Bath Street.

THE BOWDOIN POLAR BEAR, placed in 1937, is a memorial to members of the Class of 1912. The base and life-size statue were carved by Frederick George Richard Roth. The figure stands in front of the entrance to the Sargent Gymnasium.

THE HARRY HOWARD CLOUDMAN DRINKING FOUNTAIN, erected in 1938, is in memory of Harry Howard Cloudman, M.D., of the Class of 1901, one of the outstanding athletes at the turn of the century. It stands near the Sargent Gymnasium.

THE ALPHEUS SPRING PACKARD GATEWAY, erected in 1940 on College Street, is a memorial to Professor Alpheus Spring Packard, A.M., D.D., of the Class of 1816, a member of the Bowdoin Faculty from 1819 to 1884.

THE CLASS OF 1910 PATH was laid in 1940 as a memorial to members of the Class. It extends from Bath Street to Coleman Hall, running parallel to the four dormitories and in front of the entrance to the Chapel.

THE CLASS OF 1895 PATH was laid in 1945 as a memorial to members of the Class. It extends from the Chapel to the Class of 1875 Gateway.



THE CLASS OF 1886 PATHWAYS are a network of walks laid in 1945 as a memorial to members of his Class through the generosity of Walter Vinton Wentworth, Sc.D. The pathways traverse an area lying north of Massachusetts Hall.

THE CLASS OF 1919 PATH, laid in 1945, is a memorial to members of the Class. It extends from the north entrance of Winthrop Hall, past the entrances to Massachusetts Hall and Memorial Hall, to the Franklin Clement Robinson Gateway.

THE CLASS OF 1916 PATH was laid in 1946 as a memorial to members of the Class. It extends from Massachusetts Hall to the Alpheus Spring Packard Gateway.

THE FRANK EDWARD WOODRUFF ROOM, in Sills Hall, is a memorial to Frank Edward Woodruff, A.M., a member of the Bowdoin Faculty from 1887 to 1922. The room was provided in 1951 through the generous bequest of Edith Salome Woodruff.

THE PEUCINIAN ROOM, built in 1951, is in a corner of the lower floor of Sills Hall. It is paneled in timber taken from the Bowdoin Pines. The motto of the Peucinian Society, *Pinos loquentes semper habemus*, is carved on a heavy timber above the fireplace. The fireplace and paneling are the gift of the Bowdoin Fathers Association in memory of Suzanne Young (1922-1948).

THE CLASS OF 1924 RADIO STATION (WBOR, "Bowdoin-on-Radio") was given by the Class of 1924 on the occasion of its twenty-fifth reunion. The station, installed in 1951 on the second floor of the Moulton Union, contains two broadcasting studios and a fully equipped control room, which are air-conditioned and protected against sound disturbance by walls of acoustical tiling.

THE ELIJAH KELLOGG TREE, a large pine dedicated to the memory of Reverend Elijah Kellogg, A.M., of the Class of 1840, stands near the corner of Bath Street and Sills Drive.

THE CLASS OF 1942 CROSS was placed behind the reading stand in the Chapel in 1952 in memory of those class members who gave their lives in the Second World War.

THE GARDNER BENCH, near the Hawthorne-Longfellow Library, is dedicated to the memory of William Alexander Gardner, of the Class of 1881, and was presented to the College by Mrs. Gardner in June, 1954.



THE CHASE MEMORIAL LAMPS, dedicated to the memory of Stanley Perkins Chase, Ph.D., of the Class of 1905, Henry Leland Chapman Professor of English Literature (1925-1951), stand on the Moulton Union terrace. They were presented to the College by Mrs. Chase in June, 1954.

THE DANE FLAGPOLE, in honor of Francis Smith Dane, of the Class of 1896, stands in the northwest corner of Whittier Field. The gift of Mrs. Annie Lawrence E. Dane and a member of her family, the flagpole was placed in 1954 in recognition of Mr. Dane's efforts as an undergraduate to acquire an adequate playing field for the College.

THE SIMPSON MEMORIAL SOUND SYSTEM, the gift of Scott Clement Ward Simpson, of the Class of 1903, and Mrs. Simpson, is dedicated to the memory of their parents. The system, including a high-fidelity record player and other teaching aids in music, was installed in Gibson Hall in 1954. A fund for its maintenance was established by Mr. and Mrs. Simpson in 1955.

THE JAMES FREDERICK DUDLEY CLASSROOM in Banister Hall was renovated and furnished in 1954 as a memorial to James F. Dudley, of the Class of 1865, by the bequest of Nettie S. Dudley.

THE CATLIN PATH, extending from the Warren Eastman Robinson Gateway to Hubbard Hall, was laid in 1954 through the generous gift of Warren Benjamin Catlin, Ph.D., Fayerweather Professor of Economics and Sociology, Emeritus.

THE SHUMWAY TREE, a Rocky Mountain fir in memory of Sherman Nelson Shumway, A.M., LL.B., of the Class of 1917, generous benefactor and an Overseer of the College (1927-1954), was replanted on the campus in front of Hawthorne-Longfellow Hall and dedicated in June, 1955.

THE TURNER TREE, a maple in memory of Perley Smith Turner, A.M., of the Class of 1919, Professor of Education at Bowdoin (1946-1956), was replanted on the campus east of Smith Auditorium by classmates and friends and dedicated in June, 1957.

THE PICKARD TREES, twelve hawthorns in memory of Jane Coleman Pickard (Mrs. Frederick William Pickard), donor of Coleman Hall and co-donor of the Pickard Field House, were replanted around Coleman Hall by the Society of Bowdoin Women and dedicated in June, 1959.

THE CLASS OF 1909 ORGAN, an electronic instrument for use in the Pickard Theater, was presented by the Class of 1909 on the occasion of its fiftieth anniversary and dedicated in June, 1960. A fund with a current balance of \$2,925, given at the same time, is for the maintenance of the organ and for the support of musical education in the College.

LITTLE PONDS WILDLIFE SANCTUARY is the gift of Mrs. Harold Trowbridge Pulsifer in memory of her husband, Harold Trowbridge Pulsifer, and Sheldon Ware, a neighbor. Located at Bethel Point, East Harpswell, and given in 1961, this tract of several acres includes a meadow, pond, woodland, and shore frontage. It is used for the study and conservation of fish and wildlife.

THE CLASS OF 1937 LOUNGE, located in the Alumni House, was presented by the Class of 1937 on the occasion of its twenty-fifth reunion in 1962. It is a large, informal, and rustic room, with pine furniture, old pictures of Bowdoin and of Brunswick, and a large hewn granite fireplace. The Lounge was given in memory of Harold L. Cross, Jr., David T. Deane, J. Donald Dyer, and Maxwell A. Eaton, who gave their lives in the service of their country during World War II.

THE CECIL CLEOPHUS McLAUGHLIN STUDY, in Chamberlain Hall, is a memorial to Cecil Cleophus McLaughlin, M.D., of the Class of 1923. The study was the gift of his wife, and is for the use of the Director of the Senior Center.

THE HUTCHINSON LOUNGE AND HUTCHINSON TERRACE, in Wentworth Hall, are memorials to Charles Lyman Hutchinson, A.B., of the Class of 1890, a prominent lawyer in Portland. They are on the south side of the building between the main dining room and lounge.

THE WILMOT BROOKINGS MITCHELL LOUNGE, on the second floor of Wentworth Hall, is a memorial to Wilmot Brookings Mitchell, Litt.D., L.H.D., of the Class of 1890, a beloved teacher of English for almost fifty years.

THE HARRISON KING McCANN MUSIC LOUNGE, on the sixteenth floor of the tower of the Senior Center, is a memorial to Harrison King McCann, A.M., of the Class of 1902, for thirty years an Overseer of the College.

THE STUART FRANKLIN BROWN LOBBY, in the Hawthorne-Long-

fellow Library, is a memorial to Stuart Franklin Brown, of the Class of 1910, and was the gift of Mrs. Brown.

THE CLASS OF 1914 LIBRARIAN'S OFFICE, in the Hawthorne-Longfellow Library, is in honor of the members of the Class of 1914, which made a specific gift for this purpose. The office is on the first floor to the left of the entrance.

THE CLASS OF 1938 NEWSPAPER ROOM, in the Hawthorne-Longfellow Library, is in honor of the members of the Class of 1938. The room is on the first floor to the right of the entrance.

THE WILLIAM JOHN CURTIS 1875 ROOM, in the Hawthorne-Longfellow Library, is a memorial to William John Curtis, LL.D., of the Class of 1875, for over twenty-five years an Overseer and Trustee of the College, and a generous benefactor always in the name of his Class. The room, in the northeast corner of the first floor, is used for current periodicals.

THE GERALD GARDNER WILDER CATALOGUING ROOM, in the Hawthorne-Longfellow Library, is a memorial to Gerald Gardner Wilder, A.M., of the Class of 1904, Librarian of the College from 1916 to 1944. The room is in the southeast area on the first floor.

THE MELVILLE WESTON FULLER READING ROOM, in the Hawthorne-Longfellow Library, is a memorial to Melville Weston Fuller, LL.D., of the Class of 1853, Chief Justice of the United States Supreme Court from 1888 to 1910, and an Overseer and Trustee of the College from 1875 to 1910. The room occupies the southern bay on the first floor.

THE GEORGE THOMAS LITTLE BIBLIOGRAPHY AND CARD CATALOGUE AREA, in the Hawthorne-Longfellow Library, is a memorial to George Thomas Little, Litt.D., of the Class of 1877, Librarian of the College from 1885 to 1915. The area occupies the center portion of the first floor.

THE ROBERT PETER TRISTRAM COFFIN READING ROOM, in the Hawthorne-Longfellow Library, is in memory of Robert Peter Tristram Coffin, Litt.D., of the Class of 1915, a distinguished author, poet, and professor. The room was the gift of the Class of 1915 on the occasion of its fiftieth reunion, and occupies the northern bay on the first floor.

THE FRANKLIN PIERCE READING ROOM, in the Hawthorne-Longfellow Library, is in memory of Franklin Pierce, LL.D., of the Class



of 1824, the fourteenth President of the United States. This informal reading room is at the east end of the second floor.

THE HAROLD LEE BERRY SPECIAL COLLECTIONS SUITE, in the Hawthorne-Longfellow Library, is in memory of Harold Lee Berry, A.M., of the Class of 1901, for nearly forty years an Overseer and Trustee of the College, and generous benefactor of the College. The suite comprises several rooms in the northeast area of the third floor.

THE DEAN PAUL NIXON LOUNGE-CONFERENCE ROOM, in the Hawthorne-Longfellow Library, is a memorial to Paul Nixon, L.H.D., LL.D., for over forty years a teacher of Latin and Dean of the College from 1918 to 1947. The room is on the southeast corner of the third floor.

THE WILLIAM PITT FESSENDEN CONFERENCE ROOM, in Hawthorne-Longfellow Hall, is a memorial to William Pitt Fessenden, LL.D., of the Class of 1823, United States Senator 1854-1864, 1865-1869; United States Secretary of the Treasury 1864-1865; and Overseer and Trustee of the College from 1843 to 1869. The room is on the second floor, near the offices of the President and Deans.



# General Information

**TERMS AND VACATIONS:** The College holds two sessions each year, beginning in September and February. The dates of the Semesters and the vacation periods are indicated on the College Calendar on pages vi-viii.

**REGISTRATION AND ENROLLMENT:** All students are required to register at the opening of each Semester in accordance with schedules posted at the College and mailed to students registering for the first time.

**OFFICES AND OFFICE HOURS:** The Offices of General Administration, the Admissions Office, the Business Office, and the Offices of the Executive Secretary are located in Hawthorne-Longfellow Hall, the west end of the Nathaniel Hawthorne-Henry Wadsworth Longfellow Library. The Director of the Placement Bureau is in Banister Hall (North) and the Superintendent of Grounds and Buildings is in Rhodes Hall.

In general, the administrative offices of the College are open from 8:30 to 5:00 every weekday except Saturday; 8:30 to 12:00 on Saturday, when the College is in session.

**TELEPHONE SWITCHBOARD:** The College has a central telephone switchboard located in the Moulton Union. All college phones are connected to this switchboard. The number is 207-725-8731.

**COLLEGE BILLS AND FEES:** Prior to the opening of the Fall Semester, a statement covering tuition, room rent, board, and fees for the year will be sent to each student. If this statement should be sent to someone other than the student, a request in writing to do so should be made to the Business Office.

Charges for the year may be paid in two equal payments to be made not later than September 1 and January 15.

The Faculty may exclude any student from examinations and credit for college work or from the privileges of the College if any college charges against him remain unpaid when due.

No student shall be advanced in class standing until all bills of the previous Semester have been paid, and no degree shall be conferred upon a student who has not paid all his dues to the College, including charges for room and board at a college dining hall. No student shall be dismissed from college on request unless he shall have paid all his college bills, including those of the current session. During the time that bills which are overdue remain unpaid, a student receives no credit for college work.

**TUITION:** The tuition fee for the 1967-1968 academic year is \$950 each Semester or \$1,900 for the year. For the academic year 1968-1969 the tuition fee will be \$1,075 each Semester or \$2,150 for the year. Any student completing the number of courses required for the degree in less than eight Semesters must pay tuition for eight Semesters. Work taken at other institutions to make up deficiencies in scholarship at Bowdoin shall not relieve the student of the obligation to pay tuition covering eight full Semesters at Bowdoin College. An additional tuition charge of \$220 per Semester (\$250 in 1968-1969) shall be assessed for each course taken by a student to make up an academic deficiency.

There are opportunities at Bowdoin to receive financial aid in meeting the charge for tuition. Detailed information about scholarships, loans, and other financial aid may be found on pages 54-80.

**COLLEGE ROOMS AND BOARD:** Freshmen are assigned rooms by the Director of Admissions but may indicate by letter to him their preference in the matter of roommates. Sophomores and Juniors apply for rooms to the Director of the Placement Bureau. Seniors are assigned rooms in the Senior Center by the Director of the Senior Center. An applicant may indicate with whom he wishes to share a room, and the College will honor this preference whenever possible. The suites in the college dormitories consist of a study and bedroom which are provided with essential furniture. Students should furnish blankets and pillows; the College furnishes bed linen and towels. College property is not to be removed from the building or from the room in which it belongs; occupants are held responsible for any damage to their rooms. Room rent is \$450 a year, and board is \$600 a year. These charges are the same regardless of whether a student lives in a college or fraternity residence or whether he eats at the Union, the Senior Center, or a fraternity. Every student pays these charges unless he has established residence with a wife or family or has been excused by the Deans' Office.

**OTHER COLLEGE CHARGES:** All damage done to the buildings or other property of the College by persons unknown may be assessed equally on all the undergraduates. The College collects, in each Semester, Student Activities fees amounting to \$25. The cost of tuition, board, room, and fees amounts to about \$1,525 for the Semester. To these items must be added the cost of textbooks, personal expenses (including travel), and fraternity expenses for members of these organizations.

**REFUNDS:** Refunds to students leaving college during the course of a Semester will not be made unless for exceptional reasons. Any

refund made will be in accordance with the schedule posted by the Bursar of the College.

**MEDICAL ATTENDANCE:** The facilities of the Dudley Coe Memorial Infirmary (licensed as a private general hospital) and the services of the College Physician are available to all students. If ill, students should immediately report to the College Infirmary.

To cover costs of treatment and care during the college year, in the Infirmary or elsewhere, each student is required to have adequate health and accident insurance. This must be purchased through the College (the group rate is \$28 per Semester in 1967-1968), unless a student is covered otherwise by adequate health insurance certified by his parent or guardian at the time possible exemption from this requirement is requested. Special summer coverage may be obtained at an extra charge in the policy available through the College.

**MOTOR VEHICLES:** No Freshman shall maintain a motor vehicle at the College. Sophomores and upperclassmen in good standing and not receiving financial aid may maintain motor vehicles, provided they are properly registered at the Deans' Office. A registration fee of \$5 per Semester is charged to all students registering a motor vehicle. Adequate liability insurance is required.

**STATISTICS:** As of June, 1967, 19,525 students have been matriculated as undergraduates at Bowdoin College, and 13,903 degrees in course have been awarded. In addition, earned master's degrees have been awarded to 104 postgraduate students. Living alumni include 6,970 graduates, 2,042 nongraduates, 47 medical graduates, 110 honorary graduates, and 103 graduates in the special postgraduate program.

### RESOURCES

The market value of the investment securities and mortgages held by Bowdoin College, at the close of each financial year, for the last ten years was as follows:

June 30, 1957	\$18,192,949	June 30, 1962	\$24,301,050
June 30, 1958	19,647,267	June 30, 1963	30,542,397
June 30, 1959	22,438,546	June 30, 1964	32,100,826
June 30, 1960	23,283,467	June 30, 1965	32,474,311
June 30, 1961	25,927,484	June 30, 1966	31,275,432

The estimated market value of the securities and mortgages as of June 30, 1967, was \$33,000,000, and the estimated value of college buildings and equipment was \$21,000,000.



# Admission to the College

IN the fall of 1968 the College plans to enroll a class of 240 Freshmen in order to maintain a total enrollment of 925 students. The College seeks candidates for admission whom it believes to be best fitted for its work and who are likely to profit most from it. Previous academic performance, scholastic ability, character, personality, health, purpose, and breadth of interest are the bases on which the general promise of each candidate is judged and on which the College has established its admissions criteria.

## REQUIREMENTS FOR ADMISSION

The stated requirements for admission are not absolute; in general, however, they should be considered minimum requirements. The preparatory work suggested in the comments below will enhance an applicant's candidacy.

### SECONDARY SCHOOL STUDIES:

a. *Four years of English*

Emphasis should be upon critical and analytical writing and upon discussion and analysis of significant works of literature.

b. *Three years of one foreign language or two years of each of two foreign languages*

Although three years of a foreign language or two years of each of two foreign languages is satisfactory, a four-year sequence in one language is preferable. Four years of study of one language leads to a greater command of the specific language and enables a student to continue it in college at an advanced level of conversation and literature.

c. *Three years of Mathematics*

Four years of mathematics is desirable for students contemplating a major in the sciences or social sciences.

d. *One year of History*

Although one year is required, two years or more are recommended. A course in American history is best complemented, for purposes of comparison, with a course in the history of another country and period.

e. *Sciences*

No specific number of courses is presently required, but a basic course with laboratory experiments in one or more sci-

ences is expected. In general, an introduction to each of the major sciences of biology, chemistry, and physics is preferable to a second course in one of these subjects at the secondary school level. Advanced study in any one of these sciences presupposes a knowledge of the fundamentals of the others.

The College considers the best preparation for its work a program of studies in subjects fundamental to the liberal arts. In order to provide a smooth transition from school to college and placement in courses at the most advanced level possible, the subjects taken in the final year of secondary school should usually be directly related to those to be taken in the first year of college. Courses in English, foreign language, and mathematics ideally should be studied each year in school in order to ensure the ready continuance of each in college. The sciences and history do not require a specific sequence in school, but rather are intended to offer a topical background and experience according to the needs and interests of the student. A balanced selection may well include biology, chemistry, physics, and a variety of history courses for a complete college preparatory program. A second foreign language may also be included effectively without intruding on the three- or four-year sequence in the first language.

A description of the Freshman-year subjects at Bowdoin will be found on page 85. In planning a school program for admission to Bowdoin, one should review the requirements for the degree on pages 82-84. These requirements shape not only the course of study in college but also the requirements for admission and, consequently, the best pattern of study in secondary school.

Any prospective freshman whose program of secondary school studies does not follow the customary pattern for admission to Bowdoin should not hesitate to write to the Director of Admissions. Although patterns of study are important, the College is concerned above all with the quality of the preparation of its candidates.

**COLLEGE BOARD TESTS:** The Scholastic Aptitude Test and three Achievement Tests are required of all candidates. The Writing Sample is not required, but may be substituted for one Achievement Test (preferably English).

A junior who expects to become a candidate for Early Decision is required to take the Aptitude Test and three Achievement Tests in March, May, or July. Scores over 600 will qualify a candidate for exemption from testing in the senior year.

Seniors must present results of the Aptitude and three Achieve-

ment Tests (unless exempt on the basis of junior year results). Both December and January test dates are acceptable.

A candidate should write to the Admissions Office if he has questions about this program.

The College Board tests are given at various centers in each state and many foreign countries several times during the year. Applications for the tests should be made by mail to the College Entrance Examination Board, P.O. Box 592, Princeton, N. J. 08540, or P.O. Box 1025, Berkeley, California 94701.

**SCHOOL STATEMENT:** As part of each application the College requires an appraisal of the candidate's character, personality, and general academic promise by his school principal or headmaster. This confidential statement is an indispensable part of each candidate's qualifications for admission.

**PERSONAL CHARACTERISTICS:** The College insists that candidates possess personal characteristics of high caliber. Strong moral and ethical qualities, decent conduct, integrity, compatibility, good health, and emotional stability are essential characteristics. These factors are usually revealed in descriptive statements from school authorities, teachers, friends, alumni, and by personal interviews. Significant accomplishments by a candidate in affairs in the school and in the community also disclose information about his personal qualities.

**INTERVIEWS:** Bowdoin does not require personal interviews of all of its candidates. It does, however, feel that such interviews are of mutual benefit to the candidates and the College, and it encourages interested students, whenever possible, to arrange meetings either with members of its staff or Bowdoin alumni.

The College welcomes visitors throughout the year; however, interviews with a member of the Admissions Staff should be arranged two weeks in advance. Because no interviews can be scheduled *between February 15 and May 1*, an applicant who desires an appointment should plan for it *before February 15*. Student guides are on duty at the Moulton Union to conduct tours of the campus. The Admissions Office is open throughout the year from 9 until 5 on weekdays. On Saturdays it is open until noon, except during June, July, and August.

## CHARACTERISTICS OF THE ENTERING CLASS

**SECONDARY SCHOOL RECORDS:** About 70 percent of the Freshman Class ordinarily are graduates of public school, and most of this



group rank academically in the top 20 percent of their respective classes. Generally, grades at or above the college recommending level (usually "B" or higher) are necessary to attain this rank. Class ranks for students from independent schools extend over the upper half of their respective classes. In assessing school records, the Admissions Staff gives proper consideration to programs which contain either four or five courses per year and which may or may not include so-called "advanced," "honor," "accelerated," or "regular" college preparatory subjects.

**COLLEGE BOARD TEST RESULTS:** The College sets no fixed minimum score for these tests in selecting the class. In general, the Aptitude Test results coincide with the level of achievement demonstrated by the school grades of applicants who gain admission. In a few cases a superior record of grades will offset lower test results, but usually evidence of disparity between scholastic achievement and ability raises doubts about the candidate's readiness to produce consistent and satisfactory work in college.

**OTHER CHARACTERISTICS:** The distribution of Bowdoin's student body always shows an interesting blend of backgrounds. While 70 percent of the student body comes from New England, all parts of the United States, plus Canada and several foreign countries, are represented each year. Twelve Bowdoin Plan Students and several students sponsored by the African and Latin American Scholarship Programs in American Universities bring a varied international group to the campus.

In addition to the public and independent school backgrounds, various social and economic backgrounds are sought in composing the entering class. Between 25 and 30 percent of the Freshmen are the recipients of approximately one hundred fifty thousand dollars of financial aid which is awarded at the time of admission.

## APPLICATION AND ADMISSIONS PROCEDURE

A candidate should file a formal application as early as possible in his last year of school. An application fee of \$15 will be charged each candidate and is not refundable. Applications must be filed *no later than March 1*. Preliminary applications may be made prior to a candidate's senior year, and inquiries by juniors are welcomed, for they make possible more extended planning of school preparation.

About April 15 each candidate is notified of the College's decision on his application. Eventual matriculation by a student who

receives his Certificate of Admission is dependent upon the satisfactory completion of the school year. Except for Early Decision candidates, Bowdoin subscribes to the Candidates' Reply Date Agreement, which sets the deadline for a candidate to notify the College of his decision. Candidates who plan to enter Bowdoin are asked to pay an admission fee of \$25 which is credited to their fall term bills.

**EARLY DECISION:** Each year there are candidates who demonstrate qualifications for admission on the basis of records completed in their junior year and who wish to simplify their plans for college. These students frequently select the college which they wish to attend and request a decision on admission in the fall of their senior year. Granting such decisions reduces the cost and necessity of multiple applications, the volume of work for school authorities, and gives the Director of Admissions control of the size of the Freshman Class. Bowdoin may admit 30 to 40 percent of its class in this manner.

In an attempt to bring some conformity to Early Decision Programs among the colleges, Bowdoin has agreed to the following procedures for candidates who have made a clear first choice of a college and who wish to apply for an Early Decision.

1. When each such candidate files his formal application for admission, he must state in writing that he wishes to be considered for an Early Decision and that he will enroll if admitted. (Early Decision candidates may file other regular applications with the understanding that these will be withdrawn if the candidate is accepted on an Early Decision basis by his first-choice college.)
2. The student's application and request for Early Decision must be received by the College by November 30.
3. All other forms and credentials (i.e., transcripts, school reports, junior-year College Board Test results, and recommendations) must be received, and interviews, if required, must be completed by December 20. Action on applications not completed by December 20 will be postponed until the spring.
4. Successful applicants for financial aid will be notified of the amount of their awards at the time they receive their Early Decision acceptances, provided all financial aid forms and admission application forms are complete. Those applicants who are admitted without a decision on financial aid are free to continue other applications.

5. Early acceptance does not normally relieve the applicant of any requirements to take and report senior-year College Board scores and is contingent upon the completion of his senior year in good standing.
6. A candidate not accepted under the Early Decision Program will automatically be transferred to the regular applicant group, where he will be considered at the normal time in the spring.

Nothing in the above statement precludes these colleges from accepting regular applicants at any time during the year, but no commitment to enroll is required of any candidate, except those applying under the Early Decision Program, until the Candidates' Common Reply Date, which is normally May 1. Bowdoin asks no indication of the candidate's college preference except for those candidates requesting Early Decision. This statement is subject to annual change. The following institutions subscribe to this statement of procedure:

Amherst College	Middlebury College
Bates College	Norwich University
Bennington College	Rensselaer Polytechnic Institute
Bowdoin College	Union College
Colby College	Wesleyan University
Dartmouth College	Wheelock College
Hamilton College	Williams College

**ADMISSION WITH ADVANCED STANDING:** Bowdoin participates in the College Entrance Examination Board Advanced Placement Program and grants both advanced standing in courses and credit toward graduation to properly qualified students. Examinations in Advanced Placement subjects are given by the College Entrance Examination Board in May of each year, and a student is granted placement and/or credit on the basis of his examination performance. A score of 3, 4, or 5 normally results in a student's being given credit for one or two semesters of college-level work in the subject; if he elects to continue that subject in college, he is given appropriate placement. An applicant should request consideration for advanced placement and credit by arranging for his scores of tests of both junior and senior years to be sent to the Director of Admissions. These requests are reviewed by the various departments during the summer, and decisions on placement and credit are completed during registration for courses in the fall.

Candidates not offering Advanced Placement examinations may



secure Advanced Placement by passing a qualifying examination at the College. Bowdoin recognizes the place of more advanced courses in secondary school, and by means of the Advanced Placement Program and the College's own program of placement intends to provide an opportunity for the unusually qualified student to extend the range of work that he may do in both school and college. Occasionally a student may gain sufficient credit to enable him to complete his college course in fewer than the usual eight Semesters.

**TRANSFER STUDENTS:** A limited number of students from other colleges and universities may be admitted each year to upper-class standing at Bowdoin. Candidates for transfer admission should submit early in the spring transcripts of their college and school records, results of College Board Tests, and statements of character and academic standing from the deans or advisers at their colleges. The records of transfer candidates should be of good quality in a course of study which approximates the work that would have been done at Bowdoin had they entered as Freshmen. At least one full year of residence at Bowdoin is required for the degree, but admission to the Senior Class is not usually granted.

**SPECIAL STUDENTS:** Special-student status is granted to persons who do not wish to become candidates for the degree but wish to pursue studies in regular classes. Admission is based upon maturity, seriousness of purpose, and adequacy of preparation for the work to be undertaken. No student is permitted to continue in special standing more than two years. Men who enter as special students and who later wish to become candidates for the degree must satisfy all of the regular requirements for admission to the College.

#### PROCEDURE FOR APPLICATION FOR FINANCIAL AID

Bowdoin is one of more than seven hundred colleges which ask candidates for financial aid to file information through the College Scholarship Service, P.O. Box 176, Princeton, N. J. 08540, or P.O. Box 1025, Berkeley, California 94701, or P.O. Box 881, Evanston, Illinois 60201. This organization has been formed to simplify scholarship procedures and to make decisions on awards as fair as possible. Each applicant for financial aid should obtain the Parents' Confidential Statement Form from his school and request the College Scholarship Service to forward a copy of this statement to Bowdoin. *No other form is required by Bowdoin, and application for as-*

*sistance is complete upon receipt of the Parents' Statement and the completed application for admission. March 1 is the deadline for filing these applications. Recipients of financial aid are selected on the basis of their academic records and personal promise; the amount of such assistance is intended to meet the individual's need as calculated from the information in the Parents' Confidential Statement. Additional material about the program of financial aid at Bowdoin may be found on pages 54-80.*

Awards of financial aid are made by the Committee on Student Aid in April and are announced with the letters of admission.

*All correspondence concerning admission to the College and prematriculation scholarships should be addressed to the Director of Admissions, Bowdoin College, Brunswick, Maine 04011.*

# Scholarships, Loans, and Financial Aid

SCHOLARSHIP grants, loans, and student employment are the principal sources of aid for Bowdoin students who need help in meeting the expenses of their education. Bowdoin believes that a student who receives financial aid as an outright grant should also expect to earn a portion of his expenses and that he and his family should assume responsibility for repayment of some part of what has been advanced to help him complete his college course. Grants will total more than \$400,000 in 1967-1968 and will be made to about one-third of the entire student body. All awards are made on the basis of good rank and financial need. Since scholarship grants are not student honors, need is requisite in every case. The financial aid program is coordinated by the Director of Student Aid, to whom all applications, except those from students not yet enrolled in college, should be directed. Prospective freshmen should submit their applications to the Director of Admissions.

In recent years, more than \$175,000 in loans have been made annually to students. Increasingly, long-term loans are becoming an integral part of financial aid, supplementing scholarship grants. Long-term loans may also be made to students not receiving scholarship grants on recommendation of the Director of Student Aid. These loans, including those made from National Defense Student Loan funds, bear no interest during undergraduate residence. Interest at 3 percent is charged; and payment over a ten-year period is called for beginning one year after graduation or separation; or after completion of graduate study, Peace Corps service, or not more than three years of military service, or a combination of these. National Defense Student Loans also provide for the waiver of some payments for men who become teachers. Small, short-term loans are available upon application at the Business Office.

The student employment program offers a wide variety of opportunities to undergraduates. These include direct employment by the College, employment by the fraternities, and employment by outside agencies represented on the campus or located in the community. Many jobs are assigned as a part of the financial aid program, some of them as direct supplement to grants and loans, but there are other opportunities for students who are interested, able, and willing to work. Except for the assignment of a few jobs known



as Bursaries, special commitments for employment are not made to Freshmen until after the opening of college in September. The College participates in the Work-Study Program established under the Economic Opportunity Act of 1964 and in the Economic Opportunity Grant Program established under the Higher Education Act of 1965.

**PREMATRICULATION SCHOLARSHIPS:** About sixty Freshmen each year receive prematriculation awards to help them meet the expenses of their first year. Recently the range of awards has extended from \$750 to \$3,000. As noted above, some awards are direct grants, with others including the tender of loans and Bursaries. The size and nature of these awards depend upon the need demonstrated by the candidates. Application should be made to the Director of Admissions before March 1 of each year. A candidate will be notified of a prematriculation award at the time he is informed of the decision on his application for admission, usually about April 15.

The general basis for the award of all prematriculation scholarships is the same although there are particular qualifications in several instances which are described below. For every award, however, each candidate is judged on the basis of his academic and personal promise, as well as on the degree of his financial need. In determining these, the College considers the evidence provided by the school record, the results of standardized aptitude tests, the recommendations of school authorities and others, the range and degree of the candidate's interests, and the statement of financial resources submitted on the College Scholarship Service form.

A Freshman who holds a prematriculation award may be assured of continuing financial aid in like amount in his upper-class years if his need continues and his year-end grades are such as to assure normal progress toward graduation. This will ordinarily require grades of *Pass* in all regular courses, except that one grade of *Fail* may be balanced by one grade of *High Honors* or two grades of *Honors*. In each upper-class year the proportion of financial aid offered as a grant will be progressively decreased, and that offered as a loan increased, except in the case of certain scholarships where the full award must be made as an outright grant.

All awards of financial aid made in anticipation of an academic year, including the Freshman year, will remain in effect for the full year unless the work of the holder is markedly unsatisfactory. Awards for such men may be reduced or withdrawn for periods of not less than one-half of one Semester or more than one Semester. Awards may also be reduced or withdrawn for gross breach of conduct or discipline.

**GENERAL SCHOLARSHIPS:** Awards similar to prematriculation scholarships are granted to undergraduates already enrolled in college on the basis of their academic records and their financial need. Normally, these awards are made at the end of one academic year in anticipation of the next, but applications may also be made in November for aid to be assigned during the Spring Semester. Awards made for a full year are subject to the same provisions covering prematriculation awards, but those made for a single Semester are not considered as setting award levels for the following year.

**BURSARIES AND MAJOR EMPLOYMENT ASSIGNMENTS:** So far as practicable all college student jobs paying as much as \$200 per year will be assigned to students of recognized need by agreement between the Director of Student Aid, the Department Head concerned, and the students to be employed. Bursaries, assigned to incoming freshmen as part of their financial aid, are subject to similar regulations, whether they involve college jobs or work in fraternities.

**GRADUATE SCHOLARSHIPS:** These awards are made to students who have completed their work at Bowdoin and are pursuing advanced study at other institutions. Application should be made in writing to the President. They are described on pages 76-79.

## Prematriculation Scholarships

**STATE OF MAINE SCHOLARSHIPS:** These are the oldest of the prematriculation scholarships and are administered by a special committee of the Faculty. Each year in the fall the College holds a competition for students who are residents of Maine and who are completing or have completed their secondary school training in the State. Students who have matriculated at other colleges are not eligible. Examinations are set by the College in English, in mathematics, and general information. Schools will be divided into four groups based on the size of their enrollment, and two awards in amounts which vary according to individual need will be made in each group. All candidates who take State of Maine Scholarship examinations are also considered for all other prematriculation awards for which they may qualify.

Other awards specifically for candidates from Maine will be found among the scholarships listed on pages 59-76.

**BOWDOIN SCHOLARSHIPS:** The College offers four scholarships, varying in amount according to demonstrated need, to candidates who reside outside of the State of Maine.

**BOWDOIN COLLEGE MERIT SCHOLARSHIPS:** The College offers eight scholarships to be awarded by the National Merit Scholarship Corporation to eight Merit Semifinalists selected by Bowdoin College. A Semifinalist, to be considered for one of these Merit Scholarships, must indicate to the College or to the National Merit Scholarship Corporation his interest in attending Bowdoin. Merit Scholarships ranging from \$100 to \$1,500, depending on need, are renewed annually as long as performance is satisfactory.

**ALUMNI FUND SCHOLARSHIPS:** Thirty thousand dollars from the receipts of the Alumni Fund usually are set aside annually to provide scholarships for entering freshmen. These awards may be in amounts up to \$2,000 depending on the financial status of each candidate, and selections are made by the Faculty Committee on Student Aid.

**JOHN JOHNSTON SCHOLARSHIPS:** The John Johnston Fund was established to provide scholarship aid to an able and worthy candidate, preferably from rural Maine, for whom a college education would be impossible without very considerable financial assistance.

**BOWDOIN FATHERS ASSOCIATION SCHOLARSHIP:** An award, usually equal to tuition, is made available by the Bowdoin Fathers Association to a deserving candidate from outside New England. Selection is made by a committee composed of the Dean of the College, the Director of Admissions, and a member of the Faculty Committee on Preparatory Schools and Admissions.

**GEORGE F. BAKER SCHOLARSHIPS:** Each year three or four able young men who give promise of leadership and capacity for growth and development through the rich experience of liberal studies will be selected as recipients of these scholarships, the gift of the George F. Baker Trust. The specific amount of the award is flexible, depending upon the need of the individual, and may be as much as \$2,500. The Baker Scholarships are renewable throughout the recipients' Bowdoin careers, subject to continued need and effective performance. There are no restrictions to any particular field or career, although there is special interest in young men who are aiming at careers in business as the start, at least, of their life work. The special concern of the Baker Trust is the search for the development of young men as potential leaders in American life.

**ADRIEL ULMER BIRD SCHOLARSHIP:** One award is made each year to a resident of New England who is attending a New England



school. The recipient is selected by the Dean of the College and the Director of Admissions.

**GREENWOOD H. MCKAY SCHOLARSHIP:** Established to assist worthy and deserving young men who desire to enter the College, with preference to residents of Augusta, Maine.

**WOOLF PEIREZ SCHOLARSHIP:** The Woolf Peirez Scholarship Fund was established in 1957 by L. A. Peirez to provide a scholarship for an entering freshman from New York City or Nassau County, preferably for one who is foreign born or of foreign-born parents without means or influence.

**JOHN BROWN RUSSWURM SCHOLARSHIP:** This scholarship, named for John Brown Russwurm, of the Class of 1826, one of the first two Negroes to graduate from an American college, is awarded annually to an outstanding student, with the cooperation of the National Scholarship Service and the Fund for Negro Students.

**WAYNE SIBLEY SCHOLARSHIP:** One award of about \$1,000 is available each year to a deserving candidate from Worcester County, Massachusetts.

**ALFRED P. SLOAN NATIONAL SCHOLARSHIPS:** The Alfred P. Sloan Foundation, Inc., offers the College two scholarships for entering freshmen, the recipients to be selected by Bowdoin. In most cases, these awards are renewable in the Sophomore and upper-class years. These stipends may range to a maximum of \$2,500. Although the Foundation prefers to have economic need disregarded altogether as a criterion in the selection of candidates for the Sloan awards, it recognizes this would probably be impracticable. The College receives an additional grant for each scholarship recipient who is enrolled.

**GENERAL MOTORS SCHOLARSHIPS:** One award is made by Bowdoin each year to a member of the entering class under the terms of the College Plan of the General Motors Scholarship Program. The amount of the award is not fixed but is designed to enable the student to meet his total expenses for the year. The grant may be renewed each year in accordance with the scholarship requirements of the College.

Under this program the College receives from General Motors Corporation an additional grant for each scholarship recipient who is enrolled.

**PROCTER & GAMBLE SCHOLARSHIPS:** These four-year scholarships

are awarded by the College to entering freshmen. The grant from the Procter & Gamble Fund covers full tuition with an annual allowance for fees, books, and supplies, plus an annual grant of \$600 to the institution. Awards will be made on the basis of financial need.

---

**ARMY RESERVE OFFICERS' TRAINING CORPS SCHOLARSHIPS:** These four-year scholarships are awarded by the United States Army on a competitive basis to high school seniors. Recipients may use these scholarships at any college which will admit them and which has the ROTC program. The grant from the Army covers full tuition, with an annual allowance for fees, books, and supplies, as well as fifty dollars a month retainer pay. Awards are made without regard to financial need. Recipients must agree to take the Four-Year ROTC Program to earn a commission and to serve four years on active duty as an officer in the United States Army. To secure application forms for the four-year ROTC scholarship, individuals should write to the Commanding General of the Army Area in which they live or to the Professor of Military Science at Bowdoin College no later than October of the senior year in high school.

## General Scholarships

The awards made as General Scholarships are derived from funds provided by many generous donors, including alumni who contribute annually through the Alumni Fund. Most of them are assigned on an annual basis early in the summer by the Faculty Committee on Student Aid, but others, especially for Freshmen, are made at the end of the Fall Semester. The scholarships are listed in alphabetical order; the dates of foundation are enclosed within parentheses. If restrictions regarding recipients exist, this information has been added.

### ALPHABETICAL LIST OF SCHOLARSHIPS

- |  |          |
|--|----------|
| E. Farrington Abbott Memorial Scholarship Fund (1965)  | \$13,104 |
| Given by his family.   |          |
| Preference, first, to students from Androscoggin County, and second, to students from Maine. |          |
| Clara Rundlett Achorn Scholarships (1932)  | 10,000   |
| Given by Edgar O. Achorn 1881.   |          |
| Preferably to students from Lincoln Academy, Newcastle.                                      |          |
| Fred H. Albee Scholarship Fund (1956)  | 24,445   |
| Given by Mrs. Fred H. Albee.   |          |

- Louella B. Albee Scholarship (1956)  
 Given by Mrs. Fred H. Albee.  
 One-half the income of a trust fund.
- Stanwood Alexander Scholarship (1903) 9,668  
 Given by DeAlva Stanwood Alexander 1870.  
 Preferably to students from Richmond, or for excellence in American History.
- Leon W. and Hazel L. Babcock Fund (1965) 19,213  
 Given by Leon W. Babcock 1917.  
 Students showing aptitude and interest in the study of the physical sciences.
- Antanina Kunigonis-Marcinkevicius Bachulus Fund (1964) 11,931  
 Given by John Matthew Bachulus 1922.  
 Preference to a student of American citizenship and Lithuanian descent, or a foreign student of Lithuanian origin.
- Eva D. H. Baker Scholarship (1932) 4,546  
 Given by Guy P. Estes 1909.  
 Preferably to a Christian Scientist.
- Dennis Milliken Bangs Scholarship (1918) 4,829  
 Given by Mrs. Hadassah J. Bangs.
- Henry Francis Barrows Scholarship (1950)  
 Given by Fanny Barrows Reed.  
 One or more scholarships from a trust fund, for Protestant students.
- W. S. Bass '96 and J. R. Bass '00 Memorial Scholarship Fund (1965) 11,123  
 Given by members of the Bass family.  
 Students from Wilton, other towns in Franklin County, or from Maine.
- Bath Iron Works Corporation Scholarship (1966)  
 Given by the Bath Iron Works Corporation.  
 An annual gift of \$1,000, restricted to an upperclassman who is the son of a Bath Iron Works Corporation employee, a resident of Bath, or a resident of the State of Maine.
- Richard C. Bechtel Scholarship Fund (1966) 2,988  
 Given by Richard C. Bechtel 1936.  
 Preference to students showing aptitude and interest in the field of Mathematics.
- Charles R. and Mary D. Bennett Scholarship Fund (1966) 5,000  
 Given by Mrs. Charles R. Bennett.  
 Students from Yarmouth, from North Yarmouth Academy or Yarmouth High School, or from Cumberland County.



*Scholarships, Loans, and Financial Aid* 61

Freeman E. Bennett and Ella M. Bennett Fund (1950) Given by Mrs. Freeman E. Bennett.	33,180
Harold Lee Berry Scholarship Fund (1959) Given by Harold Lee Berry 1901.	14,887
Charles G. Berwind Scholarship Fund (1966) Given by Charles G. Berwind and others. Preference to students who have been associated with the program of the Big Brothers of America, Inc.	15,675
Beverly Scholarship (1923) Given by the Beverly (Mass.) Men's Singing Club. Preference to students from Beverly, Massachusetts.	2,629
William Bingham, 2nd, Scholarship Fund (1956) Given by the Trustees, Betterment Fund under the will of William Bingham, 2nd. Students from Bethel, other towns in Oxford County, or from Maine.	25,000
Adriel U. Bird Scholarship Fund (1953) Given by a friend of Adriel U. Bird 1916. Students from New England graduated from New England schools.	100,000
Blake Scholarship (1882) Given by Mrs. Noah Woods.	3,885
George Franklin Bourne Scholarship (1887) Given by Mrs. Narcissa Sewall Bourne.	970
Bowdoin Club of Boston Scholarship (1965) Given by the Bowdoin Club of Boston. An annual gift for an enrolled student from the Boston area.	
George W. R. Bowie Fund (1965) Given by William Roland Bowie. A needy Protestant student, preferably a country boy of American ancestry from Androscoggin County.	3,000
John Hall and George Monroe Brett Fund (1957) Given by Mrs. John Hall Brett.	47,735
Geraldine Brewster Scholarship Endowment Fund (1957) Given by Geraldine Brewster.	4,288
William Buck Scholarship Fund (1947) Given by Anna S. Buck. A premedical student, preferably from Piscataquis County.	1,500
Moses M. Butler Scholarship Fund (1903) Given by Mrs. Moses M. Butler.	9,545

Buxton Scholarship Fund (1875)	10,173
Given by Cyrus Woodman 1836, Frank H. L. Hargraves 1916, and Gordon S. Hargraves 1919.	
Preference to natives and residents of Buxton.	
Florence Mitchell Call Scholarship (1927)	1,500
Given by Norman Call 1869.	
Capital Campaign—Student Aid (1962)	1,910
Given by several persons.	
Sylvester B. Carter Scholarship (1918)	2,726
Given by Sylvester B. Carter 1866.	
Residents of Massachusetts.	
Justus Charles Fund (1875)	9,595
Given by Justus Charles.	
Henry T. Cheever Scholarship (1897)	486
Given by Henry T. Cheever 1834.	
Chi Psi Scholarship (1946)	
Given by the Chi Psi Fraternity.	
\$200 annually, under certain circumstances.	
Hugh J. Chisholm Scholarship (1915)	49,884
Given by Mrs. Hugh J. Chisholm and Hugh J. Chisholm, Jr.	
Claff Scholarship Fund (1963)	13,350
Given by the Claff Charitable Foundation.	
No award until principal reaches \$25,000.	
Samuel Clark, Jr., Scholarship Fund (1941)	12,500
Given by Samuel W. Clark, Jr.	
Students serving as assistants, preferably from Portland.	
Class of 1872 Scholarship (1903)	2,444
Given by the Class of 1872.	
Class of 1881 Scholarship (1907)	3,947
Given by the Class of 1881.	
Class of 1892 Scholarship Fund (1918)	1,447
Given by the Class of 1892.	
Class of 1896 Memorial Scholarship Fund (1917)	5,800
Given by the Class of 1896.	
Class of 1903 Scholarship (1914)	20,641
Given by the Class of 1903.	
Preference to descendants of members of the Class.	

## *Scholarships, Loans, and Financial Aid* 63

1916 Class Fund (1941)	5,507
Given by the Class of 1916.	
Class of 1920 Scholarship Fund (1938)	610
Given by the Class of 1920.	
Class of 1926 Fund (1951)	34,161
Given by the Class of 1926.	
Class of 1929 Memorial Scholarship Fund (1954)	32,395
Given by the Class of 1929.	
Preference to descendants of members of the Class.	
Class of 1930 Scholarship Fund (1955)	17,779
Given by the Class of 1930.	
Class of 1931 Memorial Fund (1956)	19,002
Given by the Class of 1931.	
Class of 1932 Scholarship Fund (1957)	18,874
Given by the Class of 1932.	
Class of 1933 Memorial Fund (1958)	12,372
Given by the Class of 1933.	
Preference to descendants of members of the Class.	
Class of 1936 Scholarship Fund (1961)	30,357
Given by the Class of 1936.	
Class of 1940 Memorial (1965)	15,672
Given by the Class of 1940.	
Preference to students of meritorious scholastic achievement who are athletically adept.	
1944 Class Fund (1944)	10,509
Given by the Class of 1944.	
James F. Claverie Memorial Scholarship Fund (1967)	5,506
Given by Mrs. Dorothy A. Claverie.	
Preference to descendants of James F. Claverie 1910.	
Mary Cleaves Scholarship Fund (1872)	3,012
Given by Mary Cleaves.	
Philip O. and Alice Meyer Coffin Scholarship Fund (1967)	10,035
Given by Alice M. Coffin.	
Preference to students who graduated from the Brunswick High School.	
Sanford Burton Comery Fund (1936)	1,000
Given by the Belmont High School and friends.	
Preferably to a student from the Belmont, Massachusetts, High School, or the Thomaston, Maine, High School.	



Connecticut Alumni Scholarship Fund (1955) Given by the Bowdoin Alumni Association of Connecticut.	10,111
Carleton S. Connor Memorial Fund (1963) Given by his friends and relatives. Preference to students from Connecticut.	31,150
E. C. Converse Scholarship Fund (1922) Given by Edmund Cogswell Converse.	51,376
Leon T. and Florence Kennedy Conway Scholarship Fund (1967) Given by Leon T. Conway 1911 and Mrs. Conway. Preference to students from Hackensack and other New Jersey communities.	2,725
Harry S. and Jane B. Coombs Fund (1962) Given by Mrs. Harry S. Coombs.	2,000
Else H. Copeland Scholarship Fund (1955) Given by Melvin Thomas Copeland 1906.	30,000
Manton Copeland Scholarship Fund (1960) Given by friends of Professor Copeland. Preference to Juniors and Seniors majoring in Biology.	18,700
Cram Memorial Scholarship (1872) Given by Marshall Cram.	973
Ephraim Chamberlain Cummings Scholarships (1914) Given by Mrs. Ephraim C. Cummings.	2,914
Charles M. Cumston Scholarship (1902) Given by Charles M. Cumston 1843. Preferably to graduates of the English High School of Boston.	24,176
Mary Decrow Dana Scholarship Fund (1967) Given by Luther Dana 1903.	25,979
Dr. Murray Snell Danforth Fund (1956) Given by Agnes H. Danforth. Legal residents of Maine preparing for the medical or related professions.	10,000
Deane Scholarship in English Literature (1924) Given by Mrs. Sarah M. B. Deane. A deserving student showing particular ability in English Literature.	993
Benjamin Delano Scholarship (1877) Given by Benjamin Delano.	973

Delaware Scholarships (1953)	
Given by an anonymous donor.	
An annual gift, in amount of tuition, restricted to students from Delaware.	
Dodge Fund (1959)	20,000
Given by Leon A. Dodge 1913.	
Most deserving student who graduated from Lincoln Academy, Newcastle, or if none, to students from Lincoln County.	
John C. Dodge Scholarship (1872)	5,413
Given by John C. Dodge 1834 and his family.	
James L. and Harriet I. Doherty Scholarship (1931)	5,000
Given by Mrs. James L. Doherty.	
Frank Newman Drew Scholarship (1926)	2,000
Given by Franklin M. Drew 1858.	
Edward A. Drummond Scholarships (1914)	5,050
Given by Edward A. Drummond.	
Preferably to students from Bristol.	
Joseph Blake and Katharine Randall Drummond Scholarship Fund (1966)	13,200
Given by Mrs. Joseph B. Drummond.	
Preference to students from Cumberland County.	
Charles Dummer Scholarships (1874)	6,166
Given by Mrs. Charles Dummer.	
Jessie Ball du Pont Scholarship Fund (1966)	167,969
Given by Mrs. Alfred I. du Pont.	
Emma Jane Eaton Scholarship (1944)	10,000
Given by Mrs. Emma Jane Eaton.	
Students who are graduates of the Calais High School or natives of Washington County.	
Arnold Robert Eck 1942 and Charles Everett Eck 1941 Memorial Scholarships (1947)	
Given by Mrs. Edith Eck Boyer.	
Two scholarships of \$250 each annually, one to a member of the Chi Psi Fraternity.	
Ayres Mason Edwards Scholarships (1937)	5,375
Given by Mrs. Ayres Mason Edwards.	
Robert Seaver Edwards Scholarship Fund (1965)	6,200
Given by an anonymous donor.	
John F. Eliot Scholarship (1932)	35,676
Given by John F. Eliot 1873 and Mrs. Eliot.	

And Emerson Scholarships (1875) Given by And Emerson.	7,245
Emery Scholarship (1933) Given by Mrs. Anne Crosby Emery Allinson. For an individual boy to be selected by the Dean of the College.	12,073
William Engel Fund (1936) Given by Mrs. William Engel.	21,692
Dana Estes Scholarship (1912) Given by Dana Estes.	2,460
Guy Parkhurst Estes Scholarships (1958) Given by Guy Parkhurst Estes 1909.	100,000
Lewis Darenydd Evans II, Scholarship Fund Given by Frank C. Evans 1910 and Mrs. Evans. As scholarships or loans to students from the State of Maine.	142,796
George B. Farnsworth-Thomas P. and Agnes J. Hanley Scholarship Fund (1966) Given by Miss Margaret A. Hanley and Daniel F. Hanley 1939. Preference to Juniors and Seniors who are premedical students.	8,290
Hugh F. Farrington Scholarship Fund (1947) Given by Mrs. Hugh F. Farrington. A member of the Phi Delta Psi Fraternity to be awarded at the end of his Junior year.	200
G. W. Field Fund (1881) Given by George W. Field 1837. Preference, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.	4,066
Edward Files Scholarship Fund (1960) Given by Charles Edward Files 1908. Preference to a student from Cornish or a nearby town.	3,600
Joseph N. Fiske Scholarship (1896) Given by Mrs. Joseph N. Fiske.	973
Benjamin Apthorp Gould Fuller, of the Class of 1839, Scholarship (1916) Given by an anonymous donor. Preference to a student from Augusta.	1,242
George Gannett Fund (1913) Given by Mrs. George Gannett.	6,289
General Electric College Bowl Scholarship Fund (1964) Given by the General Electric Company and others.	14,081



*Scholarships, Loans, and Financial Aid* 67

William Little Gerrish Scholarship (1890) Given by Frederic Henry Gerrish 1866.	973
Charles H. Gilman Scholarship (1924) Given by Mrs. Charles H. Gilman.	1,000
Given Foundation Scholarship Fund (1960) Given by the Irene Heinz Given and John LaPorte Given Foundation, Inc.	100,000
Dr. Edwin W. Gould Scholarship (1936) Given by Edwin W. Gould, Medical 1887.	1,000
Joseph and Lester Gumbel Scholarship Fund (1959) Given by Lester Gumbel 1906.	20,000
Henry W. and Anna E. Hale Scholarship Fund (1945) Given by an anonymous donor.	15,154
John P. Hale Scholarship (1916) Given by Mrs. John P. Hale and Mrs. Elizabeth Hale Jacques.	3,780
Hall-Mercer Scholarship Fund (1940) Given by the Rev. Alexander G. Mercer.	74,726
John F. Hartley Scholarship (1915) Given by Frank Hartley. Students or graduates intending to enter the profession of the law.	13,988
Moses Mason Hastings Fund (1933) Given by Mrs. Fred H. Dodge. Preferably to students from Bethel and Bangor.	8,753
Hasty Scholarship Fund (1912) Given by Almira K. Hasty. Preferably to students from Portland or Cape Elizabeth.	1,000
John W. and Florence S. Higgins Scholarship Fund (1966) Given by John W. Higgins 1902 and Mrs. Higgins. Preference to students from Starks, Skowhegan, Somerset County, and Maine, in that order.	4,307
Ernest Laurence Hill Scholarship Fund (1960) Given by Mrs. Annette S. Hill.	117,500
Linnie P. Hills Fund (1963) Given by Mrs. Linnie P. Hills.	9,809
Howe Scholarship (1931) Given by Lucien Howe 1870. Preferably to students intending to study ophthalmology or allied subjects.	44,167

Caroline Huntress Scholarship Fund (1943) Given by Roderick L. Huntress 1927.	979
Guy H. Hutchins Scholarship (1943) Given by Guy H. Hutchins, Medical 1899. A student majoring in Biology or Chemistry.	1,000
Winfield S. Hutchinson Scholarships (1959) Given by Mrs. Winfield S. Hutchinson.	33,416
Ireson-Pickard Scholarship (1960) Given by Jennie E. Ireson.	5,000
Howard Rollin Ives Memorial Scholarship (1917) Given by friends of Howard Rollin Ives 1898.	38,038
Henry Whiting Jarvis Scholarship Fund (1954) Given by Mrs. Eleanor Jarvis Newman.	1,000
Alfred Johnson Scholarships (1870) Given by Alfred Waldo Johnson 1845.	2,913
John Johnston Fund (1938) Given by Albert W. Johnston.	25,000
Sarah Maude Kaemmerling Scholarship and Loan Fund (1959) Given by Mrs. Sarah Maude Kaemmerling.	106,366
Kappa Scholarship Fund (1947) Given by Charles S. F. Lincoln 1891. To a member of the Psi Upsilon Fraternity.	5,387
Frank H. Kidder Scholarship (1929) Given by Frank H. Kidder. Preference to graduates of Thayer Academy or students from Massachusetts.	21,333
Charles Potter Kling Fund (1934) Given by Charles P. Kling. Provides tuition and books for students of Colonial or Revolutionary ancestry.	50,000
George B. Knox Fund (1962) Given by George B. Knox 1929 and Mrs. Knox. Preference, first, to students from California and, second, to students from the Pacific coast as scholarships or financial aid.	188,372
Frederic Evans Lally Scholarship (1902) Given by Frederic Evans Lally 1882.	486
Joseph Lambert Fund (1896) Given by Mrs. Ann E. Lambert.	970

*Scholarships, Loans, and Financial Aid* 69

John V. Lane Scholarship (1942) Given by Susan H. Lane.	5,000
Lawrence Foundation (1847) Given by Mrs. Amos Lawrence. Preference to graduates of Lawrence Academy.	6,220
Lawrence Scholarship (1926) Given by Mrs. Samuel C. Lawrence. Students residing in the State of Maine.	25,025
Richard Almy Lee Scholarship (1910) Given by Mrs. Elizabeth Lee Eliot and Miss Sylvia Lee. Preference to a member of the Beta Theta Pi Fraternity.	2,000
Edward K. Leighton Scholarships (1953) Given by Edward K. Leighton 1901. A part of the income of the Edward K. Leighton Fund. Students residing in Knox County.	
Leon Leighton and Margaret B. Leighton Scholarship Fund (1944) Given by Leon Leighton, Jr., 1919. Preference to descendants of alumni of Bowdoin College.	10,000
Frank E. and Nellie V. Leslie Scholarship Fund (1966) Given by Nellie V. Leslie. Preference to students from Maine or Massachusetts pursuing a premedical course.	5,000
Abraham S. Levey and Fannie B. Levey Foundation Schol- arships (1965) Given by The Second Abraham S. and Fannie B. Levey Foundation. An annual gift of \$500.	
Weston Lewis Scholarship (1919) Given by Mrs. Weston Lewis.	15,000
Charles F. Libby Scholarship (1915) Given by Charles F. Libby 1864. A student and resident of Portland, preferably pursuing a classical course.	3,270
Agnes M. Lindsay Scholarships (1953) Given by Agnes M. Lindsay Trust. An annual gift of \$8,000. Preference for students from rural New England.	
Amos D. Lockwood Scholarship (1888) Given by Mrs. Sarah F. Lockwood.	1,103



George C. Lovell Scholarship (1917)	1,974
Given by Mrs. George C. Lovell.	
Preference to a student from Richmond.	
Lubec Scholarship Fund (1961)	50,000
Given by Sumner T. Pike 1913.	
Preference to current or former residents, or descendants of residents, of Lubec, with second preference to students similarly associated with other communities in Washington County.	
Moses R. Ludwig and Albert F. Thomas Scholarships (1884)	1,017
Given by Mrs. Moses R. Ludwig.	
Earle Howard Lyford Scholarship (1956)	2,000
Given by Mrs. Earle Howard Lyford.	
Louis Blalock McCarthy Scholarship Fund (1966)	15,730
Given by his family and friends.	
Scott S. McCune Scholarship Fund (1963)	25,000
Given by Mr. and Mrs. George W. McCune, Jr., George B. Knox 1929, and Mrs. Knox.	
Preference to students from Idaho and Utah.	
S. Forbush McGarry, Jr., Scholarship Fund (1941)	2,000
Given by S. Forbush McGarry, Jr., 1936.	
Greenwood H. McKay Fund (1966)	10,000
Given by Roland L. McKay, Medical 1908.	
Preference to students from Augusta.	
George Clifton Mahoney Fund (1939)	8,310
Given by George C. Mahoney 1891.	
Richard S. Mason Scholarships (1958)	
Given by Jane Graham Mason.	
One-third of the income of a fund of \$40,000.	
Charles P. Mattocks Scholarship (1955)	2,000
Given by Mrs. Mary M. Bodge.	
Francis LeBaron Mayhew Scholarship Fund (1922)	6,333
Given by Mrs. Francis LeBaron Mayhew.	
James Means Scholarship (1885)	2,040
Given by William G. Means.	
Joseph E. Merrill Scholarships (1909)	
Given by Joseph E. Merrill 1854.	
The sum of \$4,000 annually from the income of this fund.	
To American-born students, preferably those born in Maine.	

*Scholarships, Loans, and Financial Aid*

71

Edward F. Moody Scholarship (1912)	5,411
Given by Inez A. Blanchard and others.	
To a meritorious student for proficiency in Chemistry.	
Jennie L. Moody Fund (1947)	20,000
Given by William A. Moody 1882.	
Hoyt A. Moore Scholarship Fund (1954)	100,000
Given by Hoyt A. Moore 1895.	
For Maine boys, preferably from Ellsworth and other places in Hancock County.	
Freedom Moulton Scholarship Fund (1933)	10,395
Given by Augustus F. Moulton 1873.	
New Hampshire Charitable Fund Scholarship (1964)	30,000
Given by the New Hampshire Charitable Fund and New Hampshire Alumni.	
A student residing in the State of New Hampshire.	
Edward Henry Newbegin Scholarship (1909)	1,456
Given by Henry Newbegin 1857.	
Guilford S. Newcomb Scholarship (1939)	1,000
Given by Edward R. Stearns 1889.	
A worthy student from Warren.	
Crosby Stuart Noyes Scholarships (1897)	3,885
Given by Crosby Stuart Noyes.	
Preference to natives or residents of Minot.	
O'Brien Scholarship (1935)	5,000
Given by Mrs. Harriet O'Brien Walker.	
Preferably to students from Machias.	
Osborne-Fawcett Scholarship Fund (1966)	15,000
Given by Mrs. D. C. Osborne.	
Preference to students from the New York City-Long Island, N. Y., area.	
Packard Scholarship (1905)	2,000
Given by Alpheus S. Packard, Jr., 1861.	
A student in Botany, Geology, or Zoology.	
Abby Page Scholarships (1919)	
Given by Harvey Dow Gibson 1902.	
Two scholarships of \$250 each to two boys of each graduating class in Fryeburg Academy, to be selected by the Trustees of the Academy.	
George Winfield Parsons Scholarship (1956)	2,500
Given by Harry S. Parsons, Medical 1891.	
To a student from Brunswick.	

John H. Payne Scholarship (1947)	9,500
Given by John H. Payne 1876.	
Preferably students born and brought up in the State of Maine.	
John H. and Ernestine A. Payne Scholarship Fund (1947)	168,124
Given by Mrs. John H. Payne.	
Preferably students born and brought up in the State of Maine.	
Payson Scholarship (1935)	51,125
Given by Mrs. Charles H. Payson.	
Roland Marcy Peck Memorial (1917)	973
Given by Anna Aurilla Peck.	
Woolf Peirez Scholarship Fund (1958)	21,699
Given by Louis A. Peirez.	
Students from New York City or Nassau County, preferably those who are foreign born or are of foreign-born parents.	
Samuel H. and Sarah Allen Perkins Scholarship Fund (1947)	1,007
Given by Dr. Anne E. Perkins and Dr. Effie A. Stevenson.	
Arthur Lincoln Perry Scholarship (1936)	5,000
Given by Mary Adelia Perry.	
Trueman S. Perry Scholarship (1939)	882
Given by Trueman S. Perry 1850.	
A student looking to the Evangelical ministry as a profession.	
Margaret M. Pickard Scholarship Fund (1954)	35,000
Given by John C. Pickard 1922.	
Pierce Scholarship (1878)	1,020
Given by Mrs. Lydia Pierce.	
Stanley Plummer Scholarship (1920)	2,016
Given by Stanley Plummer 1867.	
Preference to students born in Dexter.	
Potter Scholarship (1950)	52,500
Given by Caroline N. Potter.	
Walter Averill Powers 1906 Scholarship Fund (1963)	10,000
Given by Ralph A. Powers 1913.	
A student residing in the State of Maine.	
John Finzer Presnell, Jr., Scholarship Fund (1947)	1,000
Given by Mr. and Mrs. John F. Presnell.	
A student of high Christian principles.	
C. Hamilton Preston, Class of 1902, Scholarship (1955)	2,000
Given by C. Hamilton Preston 1902.	



Annie E. Purinton Scholarship (1908)	5,005
Given by Mrs. D. Webster King.	
Preference to a Topsham or Brunswick boy.	
Henry Brewer Quinby Scholarship Fund (1930)	43,000
Given by Mrs. Gurdon Maynard.	
Preference to students from Maine, of American ancestry on both sides.	
Returned Scholarships (1933)	8,233
Given by various persons.	
C. Earle Richardson and Ethel M. Richardson Fund (1962)	85,000
Given by C. Earle Richardson 1909.	
Preference to students from Maine.	
Rodney E. Ross 1910 Scholarship Fund (1965)	15,831
Given by Rodney E. Ross 1910.	
Walter L. Sanborn Oxford County Scholarship Fund (1948)	19,400
Given by Walter L. Sanborn 1901.	
Residents of Oxford County, preferably from Norway and Paris.	
Mary L. Savage Memorial Scholarship (1872)	1,068
Given by William T. Savage 1833.	
Vernon and James Segal Fund (1966)	500
Given by Vernon L. Segal 1943 and James S. Segal 1950.	
As a scholarship or loans to students.	
Stephen Sewall Scholarship (1873)	1,068
Given by Stephen Sewall.	
William B. Sewall Scholarship (1870)	1,129
Given by Mrs. William B. Sewall.	
Charles Burnham Shackford Scholarship Fund (1963)	10,000
Given by Martha Hale Shackford.	
A student or students studying in the humanities.	
Charles Wells Shaw Scholarship (1942)	1,000
Given by Mrs. William Curtis Merryman.	
Preference to residents of Bath or Brunswick.	
Shepley Scholarship (1871)	973
Given by Ether Shepley.	
Shumway Scholarship (1959)	88,474
Given by the family of Sherman N. Shumway 1917.	
Students giving evidence of interest and ability in accomplishing leadership in campus activities and citizenship.	

Wayne Sibley Scholarship (1956)	35,100
Given by the George I. Alden Trust and his family.	
Preferably to a student from Worcester County, Massachusetts.	
Freeman H. and Anne E. Smith Scholarships (1934)	2,000
Given by Mrs. Cora A. Spaulding.	
To two students preferably from North Haven, Vinalhaven, or Rockland.	
Joseph W. Spaulding Fund (1926)	2,500
Given by Mary C. Spaulding.	
To a member of the Freshman Class.	
Ellis Spear Scholarship (1919)	11,006
Given by Ellis Spear 1858.	
William E. Spear Scholarship Fund (1924)	1,195
Given by Mrs. William E. Spear.	
John G. Stetson '54 Fund (1954)	58,975
Given by Marian Stetson.	
Preference to boys from Lincoln County.	
Hattie M. Strong Foundation Scholarship Fund in Memory of Justice Harold Hitz Burton (1966)	
Given by the Hattie M. Strong Foundation.	
An annual gift of \$4,000.	
William Law Symonds Scholarship (1902)	3,367
Given by his family.	
Preference to a student showing tendency to excellence in Literature.	
Jane Tappan Scholarship Fund (1956)	7,000
Given by Mrs. Margaret Tappan Shorey.	
W. W. Thomas Scholarship (1875)	5,828
Given by William Widgery Thomas 1860.	
Earle S. Thompson Scholarship Fund (1961)	31,132
Given by Earle S. Thompson 1914.	
Preference, first, to graduates of high schools in Sagadahoc County or whose homes are in that County, and second, to those resident in the State of Maine.	
Frederic Erle Thornlay Tillotson Scholarship Fund (1962)	12,320
Given by his friends.	
A freshman interested and talented in Music.	
Marvin Tracey Memorial Scholarship Fund (1965)	2,518
Given by Mrs. Dorothy Simon.	
Charles I. Travelli Scholarships (1948)	
Given by the Charles I. Travelli Fund.	

Annual stipends awarded from year to year by the Trustees of the Fund to students of high character and scholastic standing whose participation in extracurricular activities and whose "campus citizenship" have contributed significantly to the interests of the College as a whole.

Hiram Tuell Fund (1946)	500
Given by Harriet E. and Anne K. Tuell.	
21 Appleton Hall Scholarship (1940)	3,000
Given by its former occupants.	
Walker Scholarships (1935)	25,000
Given by Annetta O'Brien Walker.	
Genevieve Warren Memorial Scholarship Fund (1967)	14,035
Given by Herbert E. Warren 1910.	
John Prescott Webber, Jr., Scholarship (1902)	2,654
Given by John P. Webber.	
George Webster Scholarship (1947)	3,000
Given by Mary L. Webster.	
Arthur D. and Francis J. Welch Scholarship Fund (1967)	54,000
Given by Mr. and Mrs. Edward P. Morgan, Vincent B. Welch 1938, and Mrs. Welch.	
Preference to students athletically adept and from outside New England.	
Wentworth Scholarship Fund (1937)	1,000
Given by Walter V. Wentworth 1886.	
Western Electric Fund Scholarship (1966)	
Given by the Western Electric Fund.	
An annual gift of not more than \$1,000, with preference to a student showing ability in fields of study related to the operations of the Western Electric Company.	
Ellen J. Whitmore Scholarship (1903)	1,943
Given by Ellen J. Whitmore.	
Huldah Whitmore Scholarships (1887)	4,856
Given by William G. Barrows 1839.	
Nathaniel McLellan Whitmore and George Sidney Whitmore Scholarships (1887)	2,096
Given by Mrs. Mary J. Whitmore.	
Frederick W. and Elizabeth M. Willey Scholarship Fund (1963)	5,954
Given by Frederick W. Willey 1917 and Mrs. Willey.	
No award for ten years.	



Clara Bowdoin Winthrop Scholarship (1959) Given by Clara Bowdoin Winthrop.	
Roliston G. Woodbury Scholarship Fund (1964) Given by his friends.	950
Richard Woodhull Scholarship (1912) Given by Mrs. Mary E. W. Perry. Preference to the descendants of the Reverend Richard Woodhull.	9,964
Cyrus Woodman Scholarships (1903) Given by Mary Woodman.	8,729
Fountain Livingston Young and Martha Higgins Young Scholarship Fund (1964) Given by Paul C. Young 1918 and John G. Young 1921. Preference to descendants of Fountain and Martha Young, or to residents of the State of Texas.	21,103
Louis J. Zamanis Scholarship Fund (1961) Given by Mrs. Louis J. Zamanis.	8,000

In recent years numerous corporations, foundations, and individuals have made gifts for scholarship purposes. Such gifts are listed each year in the *Financial Reports*.

## Graduate Scholarships: Arts and Sciences

Applications for graduate scholarships should be made in writing to the President before May 15, 1968.

**CLASS OF 1922 GRADUATE SCHOLARSHIP FUND:** A fund of \$20,000 from an anonymous donor honoring the members of the Class of 1922, living and deceased. Ninety percent of the income from the Fund is to be awarded to a deserving member of the graduating class to help defray the expenses of graduate work designed to assist him in preparing for a career in teaching at either the college or the secondary school level. (1965)

**CHARLES CARROLL EVERETT SCHOLARSHIP:** A fund of \$13,993 bequeathed by Miss Mildred Everett in memory of her father, Charles Carroll Everett, D.D., of the Class of 1850, the net income of which is given to that graduate of Bowdoin College whom the President and Faculty shall deem the best qualified to take a postgraduate course in either this or some other country. (1904)

**GUY CHARLES HOWARD SCHOLARSHIP:** A fund of \$21,155 bequeathed to the College by Miss Ethel L. Howard in memory of her brother, Guy Charles Howard, of the Class of 1898, the income

of which is to be used to enable "some qualified student to take a postgraduate course in this or some other country, such student to be designated by the Faculty." (1958)

**HENRY W. LONGFELLOW GRADUATE SCHOLARSHIP:** A fund of \$10,058 given by the daughters of Henry W. Longfellow, of the Class of 1825—Miss Alice M. Longfellow, Mrs. Edith L. Dana, and Mrs. Annie L. Thorpe—for a graduate scholarship "that would enable a student, after graduation, to pursue graduate work in some other college, or abroad if considered desirable; the work to be done in English, or general literature, and the field to be as large as possible—Belles Lettres in a wide sense. The student to be selected should be one not merely proficient in some specialty, or with high marks, but with real ability in the subject and capable of profiting by the advanced work, and developing in the best way." (1907)

**THE WILMOT BROOKINGS MITCHELL GRADUATE SCHOLARSHIP:** An award of \$1,000 from a fund established by Hugh A. Mitchell, of the Class of 1919, "to honor the memory of my father and his love for Bowdoin." Professor Mitchell was a member of the Class of 1890 and from 1893 to 1939 Edward Little Professor of Rhetoric and Oratory. The award is made by the President upon recommendation of a committee composed of the three senior professors of the Department of English "to a member of each graduating class who has majored in English and intends to teach English, the winning candidate to be selected on the basis of character as well as superior ability and talent for teaching." The award is to be used to help defray the costs of graduate work in a leading university in this country or England. (1965)

**GALEN C. MOSES GRADUATE SCHOLARSHIP:** A fund of \$5,010 bequeathed by Emma H. Moses in memory of her husband, a member of the Class of 1856, the income "to be awarded and paid to the student most proficient in any natural science during his undergraduate course, who shall actually pursue a postgraduate course in such science at any recognized college or university; said income to be paid to such student for a period not exceeding three years, unless he sooner completes or abandons said postgraduate course." (1934)

**O'BRIEN GRADUATE SCHOLARSHIP:** A fund of \$20,000 given by Mrs. John Washburn, of Minneapolis, in memory of her uncles, John, William, Jeremiah, and Joseph O'Brien, for a "scholarship, preferably a graduate scholarship, for a student, or students, to be selected annually by the Faculty, who shall be deemed most suit-

able to profit by travel or advanced study, either in this country or abroad.”

(1937)

**NATHAN WEBB RESEARCH SCHOLARSHIP IN ENGLISH OR IN ENGLISH LITERATURE:** A fund of \$32,217 bequeathed to the College by Dr. Latham True in memory of his wife's father, the Honorable Nathan Webb, LL.D., the income to be used to support a scholarship of \$1,200 annually. The recipient must have received his A.B. from Bowdoin, preferably be unmarried, and use the scholarship in his study toward a Ph.D. “If deemed advisable, the said scholarship may be awarded to the same student for two or three years in succession, but no longer.”

(1963)

In addition to the scholarships indicated here, Bowdoin students will be nominated and placed in competition for the Rhodes Scholarships, Woodrow Wilson Fellowships, and the Marshall Scholarships, and may apply for the Fulbright-Hays Scholarships for study abroad, National Science Foundation Graduate Fellowships, and other fellowships supported by the Government, foundations, or universities.

### Graduate Scholarship: Law

**LEE G. PAUL SCHOLARSHIP:** A fund of \$13,050 given by Lee G. Paul, of the Class of 1929, the income to be used to provide financial assistance to graduates attending the Harvard University School of Law and requiring financial aid.

(1964)

### Graduate Scholarships: Medicine

**GARCELON AND MERRITT FUND:** About \$15,000 from the income of this fund, established in memory of Seward Garcelon, of the Medical Class of 1830, and Samuel Merritt, of the Medical Class of 1843, is appropriated annually for medical scholarships. The larger part of the amount is awarded to students pursuing their studies in medical schools, and the remainder may be assigned to students in the College who are taking premedical courses; but, in the discretion of the Trustees, all of the income available may be assigned to students in medical schools.

Awards are made only to “worthy and struggling young men . . . in need of pecuniary aid,” and preference is given to graduates and former students of Bowdoin College. Applications from men not graduates or former students of Bowdoin College, but who are residents of the State of Maine, may be considered after they have completed one year in medical school.



Applications for medical scholarships must be made upon forms furnished by the President of the College, and must be received by the President before December 1.

## Loan Funds

The following Loan Funds were established to assist students in unexpected circumstances to continue their college courses. Applications for loans should be addressed to the Director of Student Aid.

Bowdoin Loan Fund (1959) College appropriation.	75,036
Cummings Loan Fund (1943) Given by George O. Cummings 1913. Administered by the Deans.	2,320
Davenport Loan and Trust Fund (1908) Given by George P. Davenport 1867.	14,377
George P. Davenport Student Loan Fund (1959) Given by the Trustees of the Davenport Fund. Residents of the State of Maine, preferably graduates of Morse High School, Bath.	2,506
Harry Fabyan Students' Aid Fund (1966) Given by Mrs. Harry C. Fabyan. Administered by the President of the College.	5,019
Guy P. Gannett Loan Fund (1941) Given by an anonymous donor.	18,355
Augustus T. Hatch Loan Fund (1958) Given by the Davenport-Hatch Foundation, Inc.	5,353
Albion Howe Memorial Loan Fund (1903) Given by Lucien Howe 1870.	4,720
Edward P. Hutchinson Loan Fund (1940) Given by Edward P. Hutchinson 1927. Administered by the Deans.	630
William DeWitt Hyde and Kenneth C. M. Sills Loan Fund (1964) Established by Fred R. Lord 1911. Administered by the President and Dean of the College. For undergraduates, instructors, and assistant professors.	27,566
Arthur Stephen Libby Memorial Fund (1949) Given by Mrs. Arthur S. Libby.	1,496

Charles W. Marston Loan Fund (1960) Given by Mrs. Charles W. Marston.	5,363
Meddiebempsters Loan Fund (1950) Given by "The Meddiebempsters."	520
Carleton P. Merrill Loan Fund (1963) Given by Ella P. Merrill.	10,048
New England Society Loan Fund (1947) Given by the New England Society in the City of New York.	2,789
President's Loan Fund (1909) Given by various donors.	23,971
Alfred P. Sloan Foundation Loan Fund (1960) Given by the Alfred P. Sloan Foundation, Inc.	13,706

In addition, under the terms of The National Defense Education Act Loan Fund, about \$652,014 has been provided by grants from the United States Government and supplemented by the College in the amount of \$72,447. Loans are made as provided under Title II, Public Law 85-864 of September 2, 1958—The National Defense Education Act of 1958, as amended. (1959)

### Student Book Fund

#### Harold Hitz Burton Student Book Fund (1967)

A fund of \$3,445 given in honor and memory of the late Honorable Harold Hitz Burton, LL.D., of the Class of 1909, by members of the Bowdoin Club of Washington and others to assist needy Bowdoin undergraduates in the purchase of books required in their courses. Administered by the Dean of Students.

# The Curriculum

THE objectives of the College are clearly stated in *BOWDOIN: A LIBERAL COLLEGE* on pages 5-6. Through the years the College has clung to those objectives. It has sought to teach its students:

- (1) To be more widely informed and more deeply understanding by helping them to gain a more accurate knowledge of the world in which they are living by means of an awareness of the contributions of the arts and sciences of the ancient and modern civilizations;
- (2) To become wiser by training them to think analytically, and encouraging them to develop a set of values by which to order their lives, and to make relevant use of their knowledge for the common good; and
- (3) To be more effective by developing their power to give clear, cogent, and interesting oral and written expression to what they think and believe.

The program attempts throughout the college career to develop a broad understanding of the branches of learning which are essential to a liberal education and also a deeper mastery of one field which the student chooses as his own. The requirements for distribution and concentration are designed to promote both types of experience.

Bowdoin favors the principle of voluntary selection of subjects, believing that the student brings the keenest interest to, and reaps the greatest rewards from, those fields to which he is naturally attracted. The distribution requirements, however, lead the student into the basic areas of learning. Through required English courses the student develops his ability to write and speak clearly and forcefully. Further training in expression, as well as the mastery of material and the ability to make sound critical judgments, is provided in the other courses taken in the first two years. The student is introduced to the methodology of science through at least one laboratory course. These experiences enable the student to learn enough about a wide range of subjects and about his own talents to make a wise choice of a field of concentration for advanced work.

In the Junior and Senior years all students pursue a major program under the guidance of one Department of the College. A coordinated schedule of courses is supplemented in most cases by a



series of major meetings and by a comprehensive examination on the entire major field at the end of the Senior year. Students with good records are encouraged to become candidates for the degree with departmental honors by undertaking a research project defined through consultation with faculty members of the major Department.

While completing his specialized requirements, the Senior also works in areas other than that of his specialty. He participates in at least one Seminar. Although the Seminar must be outside the major field, it proceeds on a more advanced level than the introductory courses of the first three years, and it investigates a topic that is educationally significant but limited in scope, rather than attempting a broad survey of entire fields of knowledge.

Bowdoin believes that as a result of this pattern general and specialized education constantly reinforce each other and that the errors of excessive specialization at one extreme, and of superficiality at the other, can be avoided.

### REQUIREMENTS FOR THE DEGREE

For the degree of Bachelor of Arts the student must fulfill the requirements listed below:

A. ORAL AND WRITTEN ENGLISH:

1. *English* 1-2 and *English* 4 (Oral Communication).
2. Acceptable English in both oral and written work in all courses.

NOTE: *English* 1-2 and *English* 4 requirements may be satisfied by demonstrating the required competence through written and oral examination.

B. PHYSICAL EDUCATION:

Two years of *Physical Education*.

C. FOREIGN LANGUAGES:

A student must complete at least one year of the language requirement by the end of his Sophomore year in order to remain in college. The requirement may be completed in three ways:

1. By taking two years of French, German, Spanish, Russian, Greek, or Latin.
2. By taking one year at the third-year literature level of one of the above languages. (Courses satisfying this requirement are: *French* 9, 10, 11, 12, 13, 14, 15, 16, 17, 18; *German* 7, 8, 9, 10, 11, 12, 13, 14; *Greek* 5, 6; *Italian* 3, 4; *Latin* 5, 7, 8; *Russian* 5-6, 7, 8; and *Spanish* 5, 6.)

3. By taking a year course at the advanced oral composition level in French, German, or Spanish.

NOTE: The Foreign Language Requirement may also be satisfied by demonstrating, through advanced placement or other examination, competence such as is commonly achieved in the third year of college study.

#### D. LABORATORY SCIENCE:

Completion of two Semesters in Biology, Chemistry, Geology, or Physics. This requirement must be undertaken not later than the beginning of the Junior year.

NOTE: Students having exceptionally strong secondary school backgrounds in science may apply for exemption from one Semester of this requirement.

Geology satisfies the laboratory science requirement only for students with a year's work in college Mathematics.

Freshmen electing to postpone the laboratory science requirement must elect Mathematics in their Freshman year.

#### E. LITERATURE:

Completion of two Semesters of literature in the original language. Courses in literature in a foreign language may also count toward the language requirement (See list under C, 2 above). Courses in English qualify only if they are listed by the English Department as counting toward the English Major.

#### F. MAJOR AND MINOR:

Completion of a major field of concentration and of a minor.

#### G. SENIOR SEMINAR:

Completion of one senior Seminar course in the Fall Semester of the Senior year. Seminars may not be elected in subjects offered by the student's major Department.

#### H. COURSES AND GRADES:

1. To be eligible for a degree, a candidate must have completed thirty-four semester courses or their equivalent and either the major course of his Department or the two semester courses offered in lieu of the comprehensive examination.

2. A year course is equivalent to two semester courses. *English* 4; *Military Science* 11-12, 21-22; and *Physical Education* are not counted in the requirements set forth in H.

3. COURSES: Juniors must take four courses, or five if they used the option of postponing their fifth course in Sophomore year because of the requirement in *Military Science*. Seniors and Special Students are required to take four regular courses each Semester.

4. **COURSE EXAMINATIONS:** The regular examinations of the College are held at the close of each Semester. An absence from an examination entails the mark of zero. In the event of illness or other unavoidable cause of absence from examination, the Dean's Office may authorize makeup of the examination.

5. **GRADES:** Course grades are High Honors, Honors, Pass, and Fail. High Honors indicates a performance of outstanding quality, characterized where appropriate by originality in thought as well as by mastery of the subject at the level studied; the kind of work which leads to a degree *summa cum laude* or *magna cum laude*. Honors indicates a performance which, though short of High Honors, is above the common in insight and understanding, and is equal to or close to the quality of work which leads to a degree *cum laude*. Pass is a satisfactory, though not distinguished, performance. Fail indicates unsatisfactory work. In Independent Study courses that will continue beyond one Semester, instructors shall have the option of submitting at the end of each Semester except the last a grade of "S" for Satisfactory in place of a regular grade. A regular grade shall be submitted at the end of the final Semester and shall become the grade for the previous Semesters of Independent Study.

I. **RESIDENCE:**

To be eligible for a degree, a candidate must have been in residence at Bowdoin College for at least one year.

No student shall be permitted to remain at Bowdoin for more than nine Semesters of full-time work.

In fulfilling the requirements for the degree any student especially qualified to do so may take a course not otherwise open to him in lieu of the one required with the consent of the Department concerned and of the Recording Committee.

### GENERAL REGULATIONS

1. **DEFICIENCY IN SCHOLARSHIP:** A student who fails three or more courses at the end of the first Semester of the Freshman year, or who fails two or more courses at the end of any other Semester is dropped from college for one Semester. A student is dropped permanently from college if he is subject to dismissal a second time for failing two or more courses.

A student must complete at least one year of the language requirement by the end of his Sophomore year in order to remain in college.



2. GRADE REPORTS: A report of the grades of each student is sent to his parents or guardian at the close of each Semester.

3. THE DEAN'S LIST: Students who receive Honors or High Honors for three-quarters of their grades and who receive no Failures for one Semester are placed on the Dean's List and given certain privileges regarding attendance at classes.

## THE FRESHMAN YEAR

The program for a Freshman is:

(1) *English* 1-2 and *English* 4.

NOTE: *English* 1-2 and *English* 4 requirements may be satisfied by demonstrating the required competence through written and oral examination.

(2) *Physical Education*.

(3) A course toward the satisfaction of the language requirement. That course may be any one of the following or a more advanced course in the same Department: *French* 1-2; *German* 1-2; *Greek* 1, 2; *Latin* 3, 4; *Russian* 1-2; *Spanish* 1-2.

(4) A year's work in laboratory science or a year's work in mathematics.

(5) A second language, ancient or modern, or any course which is open to him offered by a major Department.

The courses at present open to Freshmen are:

<i>Astronomy</i> 1, 2	<i>History</i> 1-2, 7, 8, 20-21	<i>Physics</i> 11, 12
<i>Biology</i> 1-2	<i>Mathematics</i> 1, 11, 12, 14	<i>Psychology</i> 4
<i>Chemistry</i> 11, 12, 15, 22	<i>Music</i> 1-2	<i>Religion</i> 11, 12
<i>Economics</i> 1-2	<i>Philosophy</i> 11-12	<i>Sociology</i> 1-2
<i>Government</i> 1-2, 21		

In unusual circumstances Freshmen may be admitted to other courses with the consent of the Department concerned.

## THE SOPHOMORE YEAR

Courses leading to the completion of the requirements in foreign languages and in oral and written English must ordinarily be continued until the requirements are satisfied. Five regular courses and *Physical Education* must be taken each Semester, except that students enrolled in the Military Science program have the option of postponing their fifth course to the Junior year.

By the end of his Sophomore year each student must choose both

his major subject after consultation with the Department concerned, and a minor planned with and approved by that Department. A student who has not been accepted in a major Department prior to his Junior year cannot continue his registration.

### THE MAJOR PROGRAM

A major program is offered by every Department which has been authorized by the Faculty to do so. The departmental requirements for each major are listed in COURSES OF INSTRUCTION on pages 96-161.

Interdepartmental major programs, designed to meet an individual, cultural, or professional objective, may be offered if approved by the Departments concerned and the Recording Committee.

#### *The Choice of a Major*

Each student must choose his major by the end of his Sophomore year after consultation with the Department concerned. During the week preceding the spring vacation, the Registrar shall post hours for faculty conferences with Sophomores regarding choice of a major. No student may major in a Department unless he has satisfied the Department that he is able to do work of at least passing quality in its courses. Changes in major programs may take place only with the permission of the Recording Committee following the submission of a written request stating the reason for the change. Such request must also be approved by the Departments concerned. A student who has not been accepted in a major Department cannot continue his registration.

#### *The Requirements for the Completion of a Major Program*

Each student shall pass at least six semester courses approved by his major Department for the major as well as those used to satisfy the course requirements of the Chemistry, Mathematics, or Physics Departments. Where appropriate, he shall pass the Major Course (101).

Each student shall complete a minor planned with and approved by his major Department, consisting of four semester units in one Department, or two semester units in each of two related Departments.

Each student shall pass a comprehensive written examination and, if required by the Department, an oral examination. The Departments of Chemistry, Mathematics, and Physics may permit a

student to substitute for the comprehensive examination two extra courses in addition to those otherwise required for graduation.

Each student shall take a course in his major Department in each Semester of his Senior year.

### *The Major Course*

Each student who is to take a comprehensive examination shall complete satisfactorily the major course of his Department which shall be in addition to those otherwise required for graduation. The major course shall consist of at least four seminars or conferences in each of the last four Semesters, and shall include a substantial amount of written work. The Departments of Chemistry, Mathematics, and Physics, in special cases, may waive the two extra courses referred to above, and require equivalent major work in the Senior year as preparation for a comprehensive examination.

The grade for the major course may or may not be the same as that given for the major examination. It shall not be given until the major examination has been taken.

### *Administrative Provisions*

Major examination grades shall be recorded on the student's transcript of grades. Announcement of the results shall be made through the Dean's Office only.

Students who have passed their major examinations with an honor grade shall be exempted, if they so desire, after consultation with the faculty members concerned, from the final examinations in any courses in progress in their major field. The grades for such courses may be based in part upon performance in the major examinations.

Students who fail in the major examinations are entitled to re-examination only with the consent of the Department concerned and of the Recording Committee. Save in exceptional circumstances such reexamination shall not be given until the lapse of at least a three-month interval.

A student shall normally take his major examination during his final Semester. Any student who is authorized by the Recording Committee to complete his work for the degree by taking summer courses shall with the consent of the Dean take a major examination in the regular period of the Spring Semester.

The major examination shall be given during a period immediately preceding final examinations, as designated by the Dean of the College. The date shall be listed in the College Catalogue.



## INDEPENDENT STUDY UNDER THE MAJOR PROGRAM

### *The Honors Project*

A student with honor grades in courses offered to fulfill the requirements for the major may with the endorsement of the Department be admitted to a course of independent study during which he will prepare an Honors Project under tutorial supervision. The project may take various forms in accordance with the views of the several departments; thus although in most departments the project may consist of a written dissertation or an appropriate account of an original investigation, projects in music, the fine arts, and letters are also acceptable. Ordinarily the Department will approve one or two Semesters of independent study for honors, for which regular course credit will be given. A definite plan for the project must be presented by the student, approved by the Department, and filed in the Dean's Office. The plan for a Fall Semester must be on file by October 1; the plan for a Spring Semester must be submitted in November with the registration card for Spring courses. Where more than one semester's credit is sought, the project will be subject to review at the end of the first Semester by the Department. In special cases the Recording Committee, upon recommendation of the Department, may extend credit for one or two additional semester courses. In Independent Study courses that will continue beyond one Semester, instructors shall have the option of submitting at the end of each Semester except the last a grade of "S" for Satisfactory in place of a regular grade. A regular grade shall be submitted at the end of the final Semester and shall become the grade for the previous Semesters of Independent Study. The final corrected copy of the project must be submitted to the Department before the last day of classes of the final Semester of the work. *For administrative purposes this independent study will bear one or more of the course numbers 301, 302, 303, 304, depending upon the number of course credits allowed.*

In exceptional cases a Department may permit a student to undertake an Honors Project who has lower grades than those specified above, provided that it seems likely to the Department that by the end of his Senior year he will have attained honor grades in the minimum number of courses required for a major in that Department.

### *Other Independent Study*

Any student, whether a candidate for honors or not, may undertake independent study for academic credit, but not for honors, in

any Department, provided that the Department concerned recommends him. The intent of this provision is, in part, to extend so far as possible the opportunity for independent work analogous to honors work to students who will probably not qualify for honors, but who in the opinion of their major Department can profit from independent study. The intent is also to permit students to undertake independent reading courses, perhaps in addition to an Honors Project, and to allow students to do independent study outside of their major field. *All the provisions listed under The Honors Project above will apply, except that no more than two courses will be allowed. For administrative purposes this independent study will bear one or both of the course numbers 201, 202, depending upon the number of course credits allowed.*

## THE AWARD OF HONORS

### *Departmental Honors*

Award of departmental honors shall be on the basis of: (a) honor grades in a majority of the major course units required and, when offered, an honor grade in the major course; (b) honor grades in a written and oral comprehensive examination where these may be distinct from (a) above, or in the two extra courses required as an equivalent by the Departments of Chemistry, Mathematics, and Physics; and (c) initiative, originality, and high attainment in the honors work under tutorial supervision as evidenced by an honor grade.

All written work accepted as fulfilling honors requirements shall be deposited in the Library in a form specified by the Library Committee.

The degree with honors in his major subject shall be awarded to a student who has exceptionally distinguished himself in that subject. It shall be awarded in three grades: with *honors*, with *high honors*, and with *highest honors*. The award shall be made by the Faculty on recommendation of the Department.

### *General Honors*

A degree *cum laude* shall be awarded to a student who receives Honors or High Honors in three-quarters of the necessary number of Bowdoin courses presented for the degree.

To receive a degree *magna cum laude* a student shall fulfill the requirement for a degree *cum laude* with the additional requirements that at least one-quarter of his grades must be High Honors, plus one High Honors grade for each Pass grade.

A degree *summa cum laude* shall be awarded to a student who re-



ceives High Honors in at least one-half, and Honors in all his other Bowdoin courses presented for the degree.

### THE SENIOR PROGRAM

In September, 1964, Bowdoin College introduced a new educational program for Seniors, conducted in a specially designed Senior Center. One might reasonably interpret this endeavor in either of two ways: as a bold and unprecedented innovation in college education, or as an effort to recapture some of the traditional values of the small residential college to which Bowdoin has remained dedicated in spite of growth and change. It was from both of these perspectives that Bowdoin conducted the long and careful study of undergraduate interests and needs, leading to the decision to construct the Senior Center.

Some change in the facilities of the College was made necessary by the decision of the Governing Boards and the Faculty to increase the authorized enrollment from 775 to 925 students. Like other liberal arts colleges which had long depended upon fraternities to provide housing for many students and dining facilities for virtually all of them, Bowdoin found that even the modest increase contemplated would be more than the already overcrowded facilities of the College could accommodate. Accordingly, it was determined that the College would build living and dining quarters to provide for the increased enrollment and to reduce the need for many undergraduates to seek off-campus housing.

But the Senior Center was not merely or primarily a response to a problem of numbers. Rather, it grew out of a searching reexamination of the educational experience at the College. Because the perspective of Seniors has changed markedly over the past two decades, Bowdoin found the Senior year to be the point in undergraduate education when fundamental change was most needed and could lead to the most desirable results.

The Senior now takes less interest in college life of the traditional sort. His chief concerns are two: the successful completion of his undergraduate work (especially his concentration in a major field of learning) and his plans for graduate study or entry into a vocation after receiving his Bachelor of Arts degree. No longer willing to regard the Senior year as a final plunge into the pool of undergraduate activities, the Senior today carefully charts his course for a more significant voyage. He is well aware that he is about to assume the responsibilities of adult citizenship in a troubled world which desperately needs the finest contribution educated leaders are capable of making.



In redesigning the program of the Senior year, Bowdoin took these considerations into account. The College sought to make the Senior year a more fitting culmination of liberal study and a recognized time of transition to the assumption of larger responsibilities. The new design included curricular innovations, a variety of educational offerings outside the classroom, and an intellectually stimulating environment.

The formal academic portion of the Senior Program includes Seminars and an increased emphasis upon independent study. The major program in a department chosen by the student, including honors work for qualified Seniors, and elective courses in various fields of study continue as in the past to be fundamental parts of the educational experience of the Senior year.

Each Senior is required to enroll in one Seminar in the Fall Semester, and he may, if he wishes, elect to take a second Seminar in the Spring Semester. Carrying academic credit, the Seminars count toward the degree requirements as do traditional courses. Each Seminar consists of one or more instructors and approximately fifteen students, who explore in some depth a problem within an area of learning. Penetrating analysis is expected rather than the accumulation of a wide range of information such as might be sought in an introductory course.

The variety of subjects offered in the Seminar program enables each student to explore one or more fields of special interest to him. The Seminar or Seminars must be outside his major field. This gives the student some of the satisfaction of intensive work in areas other than that of his specialty. Grades in Seminars are recorded simply as "pass," "fail," or "distinction." A list of the Seminars given in the Spring Semester, 1967, and scheduled for 1967-1968 is given on pages 160-161.

The Senior Center is designed as a community of scholars whose educational growth is not restricted to the classroom. A residence for the Director of the Senior Center and his family is provided as an integral part of the Center. Two faculty members and a number of foreign teaching fellows also have living quarters in the Center, so that they can maintain close contact with the Seniors. Guest suites for lecturers and other visitors from outside Bowdoin enable the Center to invite a variety of persons to come for extended visits, during which individual conferences and small group discussions can be held. Often a lecturer whose specialty is related to the subject of one of the Seminars presents a public lecture of general interest, meets with members of one of the Senior Seminars for a more specialized encounter, and holds discussions with

interested students in his guest suite, in the Senior Center dining hall, or in one of the small meeting rooms of the Center. Musical, dramatic, and artistic events take place in the Center, with students sometimes as spectators, sometimes as participants.

To assist the Senior with his career planning, the Senior Center, in cooperation with the Placement Bureau and the various academic departments of the College, conducts a broad advisory program of career and graduate study guidance. Bowdoin alumni and others representing many careers are invited to the Center to advise students who show interest in pursuing similar callings. The Center maintains a library of catalogues and other materials pertaining to graduate study in all fields of interest to Bowdoin students. A special effort is made to draw into this aspect of the Senior Program not only Seniors but all undergraduates as they make plans for work and study following graduation.

The Center consists of three buildings designed by the distinguished architect Hugh Stubbins. The tower, sixteen floors in height, includes living and study quarters for all Seniors, as well as seminar and conference rooms, lounges, a reading room, one of three guest suites, and offices. The dormitory floors each accommodate sixteen students, grouped in four-man suites. Each student has a private bedroom-study, and four share a corner living room. The students form their own groups of four in the spring of their Junior year and draw numbers to determine priority of choice of suites.

Wentworth Hall, a two-story building adjacent to the tower, includes a dining room, kitchen, main lounge, and four small meeting rooms. The third building, Chamberlain Hall, is the home of the Director and also contains the other two guest suites, as well as a dining room for use on special occasions by small groups of students, professors, and guests of the College.

The Director of the Senior Center is a member of the Faculty, who combines teaching duties with his supervision of the Program. He works with a Senior Center Council consisting of the Dean of the Faculty and three members of the Faculty appointed by the President.

The Council is assisted by a Student Committee for the Senior Center. This committee consists of the three elected class officers and may include additional members chosen by the Seniors.

The innovation is experimental. The committee structure represents a conviction that administration, faculty, and students must all contribute ideas and provide guidance if the Program is



to be successful. The requirement that at regular intervals the Director evaluate the Program and submit to the Faculty recommendations for its improvement is designed to guard against the stagnation that so often awaits any hopeful academic experiment, once the initial momentum is lost.

## SPECIAL PROGRAMS

### I. PREENGINEERING PROGRAMS

Students desiring to enter the profession of engineering may qualify for the degree of Bachelor of Arts from Bowdoin College and also for a degree in engineering in a total of five years (instead of the six years normally necessary for both degrees) by completing one of the joint programs described below. After three years of study at Bowdoin, during which the usual English, foreign language, laboratory science, and literature requirements must be satisfied, students become eligible for recommendation to the co-operating engineering institutions provided that sufficiently good grades have been achieved in the prescribed courses; in most instances honor grades will be required for recommendation by the College. Students wishing to avail themselves of one of these plans should notify the Dean's Office of Bowdoin College at the beginning of their Freshman year because the programs require a very definite pattern of courses.

#### *Bowdoin-California Institute of Technology Three-Two Plan*

Students enrolled in the California Institute of Technology Combined Plan take Mathematics and Physics in all three years and Chemistry in Sophomore and possibly Junior years, depending on the courses contemplated at C.I.T.

Recommended students are assured of admission to C.I.T. as Juniors. The Bowdoin degree will be awarded to such students upon notification from the Institute that they have received their degrees from C.I.T.

#### *Bowdoin-Columbia School of Engineering Combined Plan*

Students enrolled in the Columbia Combined Plan are encouraged to take their Bowdoin electives in the general, broad liberal arts field. They must, however, complete two years of Mathematics and three or more years of Physics and Chemistry, the distribution between the two sciences depending upon the type of engineering contemplated. Recommended students are assured of admission to



the School of Engineering as Juniors after a five to eleven weeks' summer school at Camp Columbia. The Bowdoin degree will be awarded to such students upon notification from the School of Engineering that they have received their degrees from Columbia.

#### *Bowdoin-Massachusetts Institute of Technology Two-Degree Plan*

Since 1937 Bowdoin College has been sending students to the Massachusetts Institute of Technology under conditions similar to those of the Plans listed above. At present, because of the large number of colleges participating, M.I.T. reserves the right to scrutinize the records of all students applying for transfer before granting admission.

Students enrolled in the M.I.T. Two-Degree Plan take Mathematics and Physics in all three years and Chemistry in Sophomore and possibly Junior years, depending upon the courses contemplated at M.I.T. Recommended students enter M.I.T. as Juniors after, in some cases, an intervening summer term. The Bowdoin degree will be awarded to such students upon notification from the Institute that they have received their degrees from M.I.T.

Programs under this plan can be arranged in Architecture (requiring three years at Bowdoin, followed by three years at the Institute), City Planning, Food Technology, Geophysics, Industrial Management, Quantitative Biology, and Science Teaching, as well as in the various branches of engineering.

## II. PREMEDICAL STUDIES

Students contemplating the study of medicine are advised to arrange their undergraduate course as early as possible, with this end in view. Premedical students should take college courses in Biology, Chemistry, and Physics, to satisfy the requirements for admission to medical schools.

## III. RESERVE OFFICERS' TRAINING CORPS

A voluntary curriculum of Military Science in the Reserve Officers' Training Corps was established at Bowdoin in the spring of 1950. Successful completion of the two-year or four-year program will enable eligible students to receive commissions as Second Lieutenants in either the United States Army Reserve or the Regular Army, at graduation. The courses in Military Science are described on pages 134-136, and an account of the regulations and financial allowances is contained on pages 162-164.

## IV. TEACHING

A Faculty Committee on Teaching as a Career exists to advise students about preparation for school teaching and for such graduate programs as those offering a master of arts in teaching degree. Advice about college and university teaching is primarily the concern of the student's major Department because it will involve plans for doctoral work in his major field.

Students interested in teaching in schools should discuss their plans with the members of the Faculty Committee on Teaching as a Career. Since the normal advice will be that a student include courses in Psychology and Education along with a major in a teaching field, he should make his interest known as early as possible.

# Courses of Instruction

ARRANGEMENT: The departments of instruction in the following descriptions of courses are listed in alphabetical order.

TIME AND PLACE OF CLASSES: A schedule containing the time and place of the meeting of all courses will be issued before each period of registration.

YEAR COURSES: Courses marked with an asterisk are year courses, and if elected, must be continued for two consecutive Semesters.

BRACKETED COURSES: All courses that cannot be scheduled for a definite Semester are enclosed in brackets.

INDEPENDENT STUDY and INDEPENDENT STUDY—THE HONORS PROJECT: See pages 88-89 for a description of these courses offered by all departments having a major program.

## Art

PROFESSOR BEAM, *Chairman*; AND ASSISTANT PROFESSORS CORNELL  
AND STODDARD

REQUIREMENTS FOR THE MAJOR IN ART: A major consists of the major course and six semester units chosen from the courses offered by the Department. Students who major in Art must take *Art 1-2*, and, if possible, *Art 11*, *12*, or *Art 13*, *14*, as introductions to the field, during their Sophomore year or as soon thereafter as possible. A more complete statement of the major program will be found on pages 86-89.

\*1-2. *General Introduction to the History and Appreciation of Art*. Offered every year. Fall 1967. MR. BEAM. Spring 1968. MR. STODDARD.

An introduction to the language, criticism, and history of the visual arts. Emphasis initially given to terminology and the nature of architecture, sculpture, and painting, using actual objects whenever possible. Several periods, including the present, will be studied: periods that define developments in Western art and explain in part the art of the twentieth century. No previous experience in the visual arts is required.

Open to all students; Freshmen with the permission of the instructor. Recommended especially for those students who



are considering majoring in Art, with interest in art history, studio work, or architecture.

3. *The Art of Antiquity*. Fall 1967. MR. BEAM.

A general study of architecture, sculpture, and painting in Egypt, Mesopotamia, and southern Europe during ancient times, with emphasis upon the art of ancient Greece.

Open without prerequisite to Juniors and Seniors. Open also to Sophomores who are taking *Art 1-2* concurrently.

4. *Medieval Art*. Spring 1968. MR. STODDARD.

A study of medieval art from the Early Christian era, including Byzantine art, through Ottonian and Romanesque, to the art and architecture of late Gothic cathedrals in France, England, Germany, Italy, and Spain. Carolingian Revival Art. Emphasis also on manuscript illumination, ivory carving, metalwork, and stained glass.

Open without prerequisite to Juniors and Seniors. Open also to Sophomores who are taking *Art 1-2* concurrently.

5. *European Art of the Renaissance*. Fall 1967. MR. STODDARD.

A study of the Italian Renaissance beginning with origins in the painting, sculpture, and architecture of the central Italian city republics. Innovations of Duccio, the Lorenzetti, and Giotto. Early and high Renaissance art in Florence, Milan, Rome, and Venice, including the masters Donatello, Da Vinci, Raphael, Michelangelo, Bramante, and Titian. Mannerism. Emphasis also on development of Italian cities and villas in the sixteenth century. The art of the Netherlandish painters Van Eyck, Van der Weyden, Van der Goes, and the German, Dürer.

Open without prerequisite to Juniors and Seniors. Open also to Sophomores who are taking *Art 1-2* concurrently.

6. *European and American Art of the Seventeenth and Eighteenth Centuries*. Spring 1968. MR. BEAM.

A comprehensive view of the Post-Renaissance period of European and American art in the Mannerist, Baroque, and Rococo styles. Special attention is given to the national schools that arose in Spain, Flanders, Holland, France, England, and Colonial America, and to such great masters of the time as Caravaggio, Bernini, El Greco, Velasquez, Rubens, Hals, Rembrandt, Hogarth, and Copley.

Open without prerequisite to Juniors and Seniors. Open also to Sophomores who are taking *Art 1-2* concurrently.

7. *Painting, Drawing, and Sculpture in Modern Times*. Fall 1968. MR. BEAM.

The main movements in painting and sculpture in Europe and America from the beginning of the Industrial Revolution to the present day are considered, starting with the pioneering art of Goya, Turner, Daumier, Manet, Degas, Cézanne, the Impressionists, Van Gogh, Matisse, and Picasso. Emphasis will be on painting and sculpture of the twentieth century, including the influence of primitive art, surrealism, Piet Mondrian, nonobjective painting, and recent developments in America.

Open without prerequisite to Juniors and Seniors. Open also to Sophomores who are taking *Art 1-2* concurrently.

8. *European and American Architecture of the Modern Era*. Spring 1969. MR. BEAM.

Devoted to the major movements in architecture since the beginning of the Industrial Revolution and to such leaders in the field as Jefferson, Richardson, Sullivan, Frank Lloyd Wright, Le Corbusier, Saarinen, Mies van der Rohe, Kahn, Gropius, and The Architects Collaborative, Stubbins, The Cambridge Seven, etc.

Open without prerequisite to Juniors and Seniors. Open also to Sophomores who are taking *Art 1-2* concurrently.

9. *The Art of the Orient*. Spring 1968. MR. BEAM.

A study of the architecture, sculpture, and painting of the Near and Far East, especially Persian painting, Indian sculpture, Chinese painting and sculpture, and Japanese painting, prints, and architecture. Attention will also be given to ceramics, bronze casting, jade carving, and other minor arts in which the Orient has excelled.

Open without prerequisite to Juniors and Seniors. Open also to Sophomores who are taking *Art 1-2* concurrently.

11. *Fundamentals of Composition*. Fall 1967. MR. CORNELL.

A study of the basic principles of composition in drawing and painting in three two-hour meetings weekly in classroom and studio. Problems in composition will be related to a study of major types of composition found in the history of art. No previous training is necessary.

Prerequisite: The permission of the instructor.

12. *Continuation of Course 11*. Spring 1968. MR. CORNELL.

Prerequisite: *Art 11* or the permission of the instructor.

13. *An Introduction to Drawing and Painting*. Fall 1968. MR. CORNELL.

An elementary study of the principles of drawing and painting, augmented by practice in the studio with various media of drawing, painting, and the graphic arts.

Prerequisite: The permission of the instructor.

14. *Continuation of Course 13*. Spring 1969. MR. CORNELL.

Prerequisite: *Art 13* or the permission of the instructor.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course will consist of at least six seminars in each of the last four Semesters. These meetings are planned to help students meet two requirements. The first of these is an examination, given normally at the end of the Junior year, to test the student's comprehensive knowledge of the history of art. The second examination falls at the end of the Senior year and is meant to test the major student's knowledge of great monuments, masters and masterpieces of art upon which he has concentrated during his final year in college.

- 201, 202. *Independent Study*. THE DEPARTMENT.

- 301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Biology

PROFESSOR GUSTAFSON, *Chairman*; PROFESSOR MOULTON;  
ASSOCIATE PROFESSORS HUNTINGTON AND HOWLAND;  
AND ASSISTANT PROFESSOR KNOWLTON

REQUIREMENTS FOR THE MAJOR IN BIOLOGY: The major consists of the major course, *Biology 101*, and six semester courses in the Department exclusive of *Biology 201, 202, 301-304*. Major students are required to elect *Chemistry 11, 12, and 21* and a year of college Mathematics. A year of college Physics is normally required, and additional study in Chemistry is recommended.

- \*1-2. *General Biology*. Offered every year. THE DEPARTMENT.

An examination of fundamental biological phenomena, theories, and principles based upon material selected from both the plant and animal kingdoms. Special attention is given to the methods of scientific investigation, the relationship of biology to other fields of endeavor, and to man and his



environment. Representative organisms and their functions are studied in the laboratory. Lectures and three hours of laboratory work each week.

The Department strongly recommends a year of Chemistry as a preparation for *Biology* 1-2. Advanced courses in the Department are open to students who have had a year of Biology in school or college. Students entering college with advanced standing, with two years of secondary school Biology, or who are otherwise qualified should register for advanced courses.

3. *Comparative Anatomy of the Vertebrates*. Offered every Fall. MR. MOULTON.

A survey of vertebrate morphology. Emphasis will be placed upon the evolution of mammalian organ systems. Laboratory work will consist of dissection and study of comparable systems in representative vertebrates. Lectures, conferences, and three hours of laboratory work each week.

Prerequisite: *Biology* 1-2 or equivalent.

4. *Microbiology*. Offered every Spring. MR. HOWLAND.

A consideration of the biology of microorganisms with major emphasis on the structure, function, classification, ecology, and significance of the bacteria. Lectures, conferences, and three hours of laboratory work each week.

Prerequisites: *Biology* 1-2 or equivalent and *Chemistry* 21, or the permission of the Department.

5. *Vertebrate Histology*. Fall 1968. MR. MOULTON.

A survey of the microscopic anatomy of animal cells and tissues. Course material includes the characteristic microscopic structure of the various body tissues. An examination is made of the possible relations of structure and function within the tissues. Opportunity for practice in technique of tissue preparation is provided as part of the laboratory work. Lectures, conferences, and three hours of laboratory work each week.

Prerequisite: *Biology* 1-2 or equivalent.

6. *Embryology*. Offered every Spring. MR. MOULTON.

A study of the experimental and descriptive biology of animal gametes and embryos, from gametogenesis to advanced stages. The principles of embryological development as shown by both invertebrate and vertebrate organisms with special attention to problems of differentiation. Laboratory work includes observations and experiments with living eggs and

embryos as well as with prepared mounts and sections, graphic reconstruction of chick embryos, and studies of mammalian development. Lectures, conferences, and three hours of laboratory work each week.

Prerequisite: *Biology* 1-2 or equivalent.

9. *Genetics*. Offered every Fall. MR. GUSTAFSON.

A survey of the development of ideas on variation and heredity, the physical basis of inheritance, applications to plant and animal breeding, relationships of genetics to the theories of evolution, inheritance in man, and eugenics. Laboratory work in experimental breeding. Lectures, conferences, and three hours of laboratory work each week.

Prerequisite: *Biology* 1-2 or equivalent.

10. *Ornithology*. Offered every Spring. MR. HUNTINGTON.

A study of the biology of birds, especially their behavior and ecology. Facilities used in the course include the Alfred O. Gross Library of Ornithology and the College's collection of North American birds. Field trips, including a visit to the Bowdoin Scientific Station at Kent Island in the Bay of Fundy (see page 180), are an important feature of the course.

Prerequisite: *Biology* 1-2 or equivalent.

11. *Invertebrate Zoology*. Offered every Fall. MR. KNOWLTON.

A survey of invertebrate animals—their varieties, morphology, development, evolution, and behavior. Laboratories include the study, through dissection and experiments, of representative invertebrates of each group considered so far as possible. A series of field trips emphasizes the study of invertebrate habitats and associations. Lectures, field trips, and three hours of laboratory work each week.

Prerequisite: *Biology* 1-2 or equivalent.

12. *Biology of Plants*. Offered every Spring. MR. GUSTAFSON.

A brief survey of the plant kingdom with emphasis on the fundamental principles and problems of botany. Laboratory work includes an examination of varied material from all groups of plants, supplemented by field trips investigating the local flora. Lectures and three hours of laboratory work each week.

Prerequisite: *Biology* 1-2 or equivalent.

15. *Cell Physiology*. Offered every Fall. MR. HUNTINGTON.

A study of the functional nature of cells and subcellular

structures. Lectures, conferences, and three hours of laboratory work each week.

Prerequisites: *Biology* 1-2 or equivalent and *Chemistry* 21, or the permission of the Department.

16. *General Physiology*. Offered every Spring. MR. KNOWLTON.

A study of the functional aspects of organ systems and of organisms as a whole. Lectures, conferences, and three hours of laboratory work each week.

Prerequisites: *Biology* 1-2 or equivalent and *Chemistry* 21, or the permission of the Department.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course is designed to introduce subject matter not offered in the regular departmental courses or not elected by some major students; to intensify the study of certain selected areas; to amplify, integrate, and gain perspective on the whole field of Biology; and to provide preparation for the Senior comprehensive examinations. Conducted by means of individual and group conferences as well as seminars, it provides opportunity for writing, presenting, and discussing papers in fields of special interest.

201, 202. *Independent Study*. THE DEPARTMENT.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Chemistry

PRESIDENT COLES; PROFESSOR ROOT; PROFESSOR KAMERLING, *Chairman*; ASSOCIATE PROFESSOR MAYO; AND ASSISTANT PROFESSORS BUTCHER, SHEATS, WHEATLAND, AND HYAMS

REQUIREMENTS FOR THE MAJOR IN CHEMISTRY: The required courses consist of *Chemistry* 11, 12, 21, 22, 31, 32, 42, and three advanced courses approved by the Department. Two of the advanced courses are in lieu of a major examination. The total number of college courses required for graduation is thirty-six.

11. *Principles of Chemistry*. Offered every Fall. MESSRS. BUTCHER AND HYAMS.

A survey of the fundamental concepts of chemistry. The properties of chemical substances and the dynamics of chemical change will be treated in class. Laboratory work will em-



phasize quantitative procedures. Lectures, conferences, and four hours of laboratory work a week.

Prerequisite: A high school course in Chemistry or its equivalent. A student without a previous Chemistry course is expected to do some prior independent reading in the field.

12. *Elementary Organic Chemistry*. Offered every Spring. MESSRS. MAYO AND SHEATS.

An introduction to the chemistry of the compounds of carbon. This course forms a foundation for further work in organic chemistry and biochemistry. Lectures, conference, and six hours of laboratory work a week.

Prerequisite: *Chemistry* 11 or 15.

15. *Advanced General Chemistry*. Offered every Fall. MR. SHEATS.

A special course emphasizing fundamental laboratory procedures and techniques for students who have completed two years of Chemistry, or who pass the Advanced Placement Chemistry Examination with a grade of three or better, or who pass a qualifying examination set by the Department.

Lectures will discuss bonding, chemical equilibrium, and energy relationships. Laboratory work will include such topics as the manipulation of volatile compounds, gas thermometry, homogeneous equilibria, heterogeneous equilibria, phase relations in systems of two components, reaction rates, electrochemistry, radiochemistry, etc. Two hours of lectures and discussions and two laboratory periods a week.

This course open to upperclassmen only with the consent of the instructor.

21. *Organic Chemistry*. Offered every Fall. MESSRS. KAMERLING AND SHEATS.

A continuation of the study of the compounds of carbon. *Chemistry* 11, 12, and 21 cover the material of the usual course in organic chemistry and form a foundation for further work in organic chemistry and biochemistry. Lectures, conference, and six hours of laboratory work a week.

Prerequisite: *Chemistry* 12.

22. *Quantitative Analysis*. Offered every Spring. MR. KAMERLING.

A continuation of the study of chemical equilibrium in solutions. The laboratory work consists of gravimetric, volumetric, and qualitative analytical methods. Lectures, conference, and six hours of laboratory work a week.

Prerequisite: *Chemistry* 11 or 15.

31. *Physical Chemistry I*. Offered every Fall. MR. BUTCHER.  
An introduction to thermodynamics and its application to problems of chemical interest including the solid, liquid, and gaseous states; equilibrium; electrochemistry; and kinetics.  
Prerequisites: *Chemistry* 22, *Physics* 11, 12, *Mathematics* 11, 12, or the consent of the instructor.
32. *Physical Chemistry II*. Offered every Spring. MR. HYAMS.  
An introduction to quantum mechanics with applications to the determination of molecular structure and the theory of the chemical bond.  
Prerequisite: *Chemistry* 31 or the consent of the instructor.
41. *Advanced Analytical Chemistry*. Spring 1968. MR. WHEATLAND.  
The principles of analytical chemistry and the application of potentiometry, conductometry, polarography, coulometry, spectrophotometry, chromatography, and radiochemistry to analytical chemistry.  
Prerequisites: *Chemistry* 22, 31, 32.
42. *Inorganic Chemistry*. Fall 1967. MR. WHEATLAND.  
A study of the structures, properties, reaction mechanisms, and syntheses of inorganic compounds.  
Prerequisite: *Chemistry* 31, 32.
43. *Qualitative Organic Analyses*. Offered every Fall. MR. MAYO.  
A study of the properties of organic compounds as a means to their identification, singly and in mixtures.  
Prerequisites: *Chemistry* 21, 31, 32.
44. *Advanced Organic Chemistry*. Spring 1968. MR. SHEATS.  
A study of the chemistry of certain complex compounds manufactured by plants and animals. Some of the following classes of compounds will be discussed: carbohydrates, fats, proteins, alkaloids, sterols, vitamins, enzymes, and hormones.  
Prerequisites: *Chemistry* 21, 31, 32, 43.
45. *Advanced Physical Chemistry*. Spring 1969. MR. BUTCHER.  
The material to be covered will depend upon the interests of the students.  
Prerequisite: *Chemistry* 31, 32 or the consent of the instructor.
46. *Special Topics in Chemistry*. Spring 1969. MR. MAYO.  
The material to be covered will depend upon the interests of the students.

Prerequisites: *Chemistry* 43, 44 or the consent of the instructor.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course will consist of biweekly seminars in each Semester of the Junior and Senior years. The major work of the Junior year will consist of readings in the history of chemistry and in the use of chemical literature. The major work of the Senior year will consist of readings and reports on current advances in chemistry.

201, 202. *Independent Study*. THE DEPARTMENT.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Classics

PROFESSOR DANE, *Chairman*; AND ASSISTANT PROFESSOR AMBROSE

REQUIREMENTS FOR THE MAJOR IN CLASSICS, GREEK, OR LATIN: A major in classics consists of eight units to be chosen equally from the departmental offerings in Greek and Latin, except *Greek* 1 and *Latin* 1, 3, and 4. A major in Greek consists of any six units in Greek, except *Greek* 1. A major in Latin consists of any six units in Latin except *Latin* 1, 3, and 4. For a statement of the rules governing the major course, the choice of a minor, and the requirements for honors, see pages 86-89.

### *Greek*

1. *Elementary Greek*. Offered every Fall. MR. AMBROSE.

A thorough presentation of the elements of accidence and syntax based, insofar as possible, on unaltered passages of Classical Greek.

2. *Continuation of Course 1*. Offered every Spring. MR. AMBROSE.

In the latter half of the term a work of historical or philosophical prose will be read.

3. *Plato*. Offered every Fall. MR. AMBROSE.

4. *Homer*. Offered every Spring. MR. DANE OR MR. AMBROSE.

5. *Selected Greek Authors*. Offered every Fall. MR. AMBROSE.

The course is designed to meet the needs of advanced students in Greek Literature, with extensive readings from representative authors in such fields as drama; history; philoso-



phy; lyric, elegiac, and epic poetry; and oratory. *The course may be repeated for credit with contents changed.*

6. *Continuation of Course 5.* Offered every Spring. MR. AMBROSE.

#### *Latin*

- [1. *Elementary Latin.*]

3. *Cicero.* Offered every Fall. MR. DANE.

A rapid review of grammar followed by reading in a philosophical essay.

Prerequisite: *Latin 1* or two years of secondary school Latin.

4. *Vergil. The Aeneid.* Offered every Spring. MR. DANE.

Prerequisite: *Latin 3* or its equivalent.

5. *Catullus.* Offered every Fall. MR. DANE.

An introduction to Latin lyric poetry and an examination of personalities of the Late Republic as revealed in the poems of Catullus and the correspondence of Cicero.

Prerequisite: *Latin 4* or its equivalent.

6. *Horace.* Offered every Spring. MR. AMBROSE.

A concentrated study of the *Odes* plus consideration of the literary tradition of the Early Empire.

Prerequisite: *Latin 4* or its equivalent.

7. *Selected Latin Authors.* Offered every Fall. MR. DANE.

The course is designed to meet the needs of advanced students in Latin Literature, with extensive readings from representative authors in such fields as satire and epigram, drama, philosophy, history, and elegy. *The course may be repeated for credit with contents changed.*

8. *Continuation of Course 7.* Offered every Spring. MR. DANE.

#### *The Major Program*

101. *The Major Course.* Junior and Senior years. THE DEPARTMENT.

The major course will consist of at least four seminars in each of the last four Semesters to help the student gain a coordinated knowledge not only of the literatures of Greece and Rome but also a concept of the achievements of Classical Civilization as a whole.

- 201, 202. *Independent Study.* THE DEPARTMENT.

- 301-304. *Independent Study—The Honors Project.* THE DEPARTMENT.

## Economics

PROFESSORS ABRAHAMSON, BROWN, STORER, AND DARLING;  
ASSOCIATE PROFESSOR SHIPMAN, *Chairman*;  
ASSISTANT PROFESSORS FREEMAN AND HANIS

REQUIREMENTS FOR THE MAJOR IN ECONOMICS: A major consists of *Economics* 1-2, 7, 17, 18, and three other units approved by the Department. For other rules governing the major program, including the requirements for honors in Economics, students should consult the Chairman of the Department and pages 86-89 of this catalogue.

\*1-2. *Principles of Economics*. Offered every year. THE DEPARTMENT.

A study of fundamental economic concepts, relationships, and institutions, with applications to public policy.

*Economics* 1-2 is a prerequisite for all advanced courses in the Department.

3. *Economics of Money, Banking, and Finance*. Offered every Fall. MR. DARLING.

The general principles and institutions of money, banking, and financial markets as they relate to the performance of the economic system. Current problems concerning financial institutions, the flow of funds into investment, the Federal Reserve System, and the use of monetary and financial controls will be considered.

Prerequisite: *Economics* 1-2.

4. *Economic Fluctuations*. Spring 1968. MR. DARLING.

An analysis of the nature, causes, and effects of long- and short-run changes in the level of economic activity, including a study of stabilization policies and analytical forecasting.

Prerequisite: *Economics* 1-2.

[6. *Public Finance*.]

The problems of local, state, and federal revenue and expenditure from a social as well as from a fiscal viewpoint.

Prerequisite: *Economics* 1-2.

7. *Statistics*. Offered every Fall. MR. HANIS.

An introduction to statistical methods, with major reference to those techniques which are used in the analysis of economic data. Laboratory work two hours a week.

Prerequisites: *Economics* 1-2, *Mathematics* 12 or 14 or the consent of the instructor.

8. *Economic History*. Fall 1967. MR. SHIPMAN.

A survey of the development of economic institutions in the Western world. Emphasis will be placed on selective problems of growth, technological change, and historical comparisons between national economies.

Prerequisites: *Economics* 1-2, *History* 1-2 or the consent of the instructor.

- [9. *Comparative Economic Systems*.]

A study of comparative methods of economic organization in the modern world. Special consideration is given to the economic structure and policies of the Soviet Union and to the role of economic planning.

Prerequisite: *Economics* 1-2.

10. *Labor Economics*. Fall 1967. MR. ABRAHAMSON.

The problems of unemployment, hours of labor, wages, unionism, and collective bargaining are considered from the viewpoints of labor, management, and the public.

Prerequisite: *Economics* 1-2.

11. *Principles of Accounting*. Fall 1967. MR. BROWN.

This course aims to acquaint the student with accounting analysis as an important working tool for the business executive and the public administrator. After a brief survey of double-entry bookkeeping, consideration is given to such subjects as the preparation and interpretation of financial statements, the nature of income, the valuation of assets, depreciation, and reserves.

Prerequisite: *Economics* 1-2.

- [12. *Continuation of Course 11*.]

Prerequisite: *Economics* 11.

13. *Development of Economic Theory*. Offered every other year. To be offered 1968-1969.

A comparative study of the ideas of different writers with consideration given to the historical development of economic thought. This course is recommended to students intending to pursue graduate study in the social sciences.

Prerequisite: *Economics* 1-2.

14. *International Economic Problems*. Spring 1968. MR. FREEMAN.

A study of the theory and practice of foreign trade, balance of payments, international movements of capital, and govern-



mental policies with regard to international economic affairs generally.

Prerequisite: *Economics* 1-2.

15. *Economics of Public Regulation*. Spring 1968. MR. SHIPMAN.

The economic origins and consequences of the public control of economic activity. Primary attention is given to the problems of public policy in the fields of antitrust regulation, agriculture, public utilities, transportation, conservation of natural resources, atomic energy, and to the economics of war and defense.

Prerequisite: *Economics* 1-2.

16. *Industrial Organization*. Spring 1968. MR. STORER.

A study of American business enterprise and its structure. The interrelationships of firms and industries will be analyzed; and their price, production, and market policies under varying degrees of competition will be considered.

Prerequisite: *Economics* 1-2.

17. *Economic Analysis I*. Offered every Fall. MR. FREEMAN.

An advanced study of contemporary price theory focusing on such elements as the household and the firm, and their behavior in relation to prices and quantities produced under various market conditions. Both actual and optimal patterns of resource allocation and income distribution will be examined. The course will include an introduction to welfare economics and to linear programming, input-output analysis, and other modern analytical techniques.

Prerequisite: *Economics* 1-2.

18. *Economic Analysis II*. Offered every Spring. MR. HANIS.

An advanced study of contemporary national income and growth theory with primary emphasis on the relationships among consumption, investment, government receipts and expenditures, money and interest rates, and their role in determining the level of aggregate economic activity. Some attention will be given to the policy aspects of the analysis.

Prerequisite: *Economics* 1-2.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course will consist of at least four seminars or conferences in each of the last four Semesters. These monthly

meetings are planned to supplement the work done in courses. Oral and written reports will be required.

201, 202. *Independent Study*. THE DEPARTMENT.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Education

PROFESSOR HAZELTON, *Chairman*

1. *History of Education*. Offered every Fall.

A study of the development of education, chiefly in the United States, in its social and cultural setting.

2. *Education in the 20th Century*. Offered every Spring.

A study of the purposes, the operation, and the government of modern educational systems. The main emphasis is given to these aspects of American education, but comparative studies are made of other national systems.

Prerequisite: *Education* 1 or the consent of the instructor.

5. *Secondary Education*. Fall 1967.

An analysis of problems of policy and practice in secondary education. Special attention is given to the development of public policy in American education.

Prerequisite: *Education* 2 or the consent of the instructor.

6. *Teaching*. Spring 1968.

A study of the process of teaching, the organization of subjects, and the teacher's profession. Part of the work of the course consists of observation in secondary schools.

Prerequisites: An appropriate sequence of courses in Psychology and the consent of the instructor.

NOTE: Various requirements for public secondary school teaching are met by the courses described above. Undergraduates considering them for this purpose should make their interest known to Mr. Hazelton as early as possible for planning their programs. However, it is assumed that these courses are also appropriate for those interested in teaching at any level; and certainly, for others whose interest may not be professional but simply in the subject itself.

Courses in Psychology are directly relevant to a teaching career, and *Psychology* 4, 11, and 22 should be especially considered.

On page 95 there is a further discussion of teaching careers.

## English

PROFESSORS BROWN, QUINBY, THAYER, HALL, AND GREASON;  
 PROFESSOR COXE, *Chairman*; ASSISTANT PROFESSORS REDWINE,  
 HANNAFORD, COURSEN, AND HORNBY; AND MESSRS.  
 REED, FISHER, AND FRIEND

REQUIREMENTS FOR THE MAJOR IN ENGLISH AND AMERICAN LITERATURE: A major consists of *English* 101 (the major course) and eight semester courses as follows: At least one semester unit is required from each of four groups: (1) *English* 10, 11, or 12; (2) 13 or 14; (3) 15, 16, or 17; (4) 18, 19, or 20. Four additional units may be chosen from the foregoing and/or *English* 21, 22, 30, 31, 32, 33, 34, 35, 36, 41. *English* 30 is required of all students contemplating graduate study. Exceptions to this program may be arranged by the Department to encourage and accommodate special individual programs such as interdisciplinary majors.

*Composition and Oral Communication*

- \*1-2. *English Composition and Literature*. Offered every year. MESSRS. HALL, GREASON, COXE, REDWINE, HANNAFORD, COURSEN, HORNBY, FISHER, AND FRIEND.

A study of the major British writers in the several literary genres. Class discussions, outside reading, written papers, and individual conferences.

4. *Oral Communication*. Offered every Semester. MR. THAYER, *Director*; MESSRS. QUINBY AND REED.

Two hours a week. Although some attention is given to the formal speech, major emphasis will be upon clear, accurate, effective communication in situations common to daily living. The training will utilize six new studios, a television room equipped for instant replays, and an auditorium.

5. *Advanced Oral Communication*. Offered every Fall. MESSRS. THAYER AND REED.

In addition to training in impromptu and extemporaneous speaking, there will be a study of the composition and presentation of several types of formal speeches. Much of the work will be in the studios and television room.

6. *Discussion and Debate*. Offered every Spring. MESSRS. THAYER AND REED.

This course starts with a study of discussion, then proceed-



ing into the area of informal and formal debate, including parliamentary debate. Special attention will be given to the analysis of problems, construction of cases, and evidence.

7. *English Composition*. Offered every year. Fall 1967. MR. COURSEN.

Written work on assigned topics; attention focused upon the disciplines of composition, with emphasis upon methods of exposition. Ordinarily limited to students not planning to take *English* 8.

Prerequisite: The consent of the instructor.

8. *Advanced Composition*. Offered every year. Spring 1968. MR. COURSEN.

Written work with emphasis on imaginative writing. Ordinarily limited to students who have not taken *English* 7.

Prerequisite: The consent of the instructor.

9. *Literary Composition*. Offered every other year. Fall 1968. MR. COXE.

The writing of poetry and fiction. Primarily for Juniors and Seniors.

Prerequisite: The consent of the instructor.

47. *Playwriting*. Offered every year. Fall 1967. MR. QUINBY.

Study and practice in the writing of plays, with emphasis upon the one-act play.

Prerequisite: *English* 31, 32 or the consent of the instructor.

### *English and American Literature*

10. *Origins and Development of the Language*. Offered every other year. Fall 1967. MR. HANNAFORD.

A study of conditions, linguistic and historical, through which the language developed into modern English, with close examination of relevant literary texts.

11. *Chaucer*. Offered every other year. Spring 1968. MR. HANNAFORD.

A study of the *Canterbury Tales*, the *Prologue* and connecting links, *Troilus and Criseyde*, and the minor poems.

- [12. *Medieval Poetry and Prose*.]

An examination of *Gawain and the Green Knight*, the *Pearl*, *Piers the Plowman*, the Scottish Chaucerians, and selected Medieval Romances and Lyrics.

13. *Shakespeare I*. Offered every year. Fall 1967. MR. BROWN.  
An intensive study of Shakespeare's principal comedies, history plays, early tragedies, and poems.
14. *Shakespeare II*. Offered every year. Spring 1968. MR. BROWN.  
An intensive study of the principal tragedies and the dramatic romances.
15. *English Literature of the Early Renaissance*. Offered every other year. Fall 1967. MR. REDWINE.  
A critical study of the literature of the sixteenth century, with emphasis upon Elizabethan nondramatic poetry.
16. *English Literature of the Later Renaissance*. Offered every other year. Spring 1968. MR. REDWINE.  
A critical study of the literature of the seventeenth century exclusive of Milton, with emphasis on the poetry of Donne and Jonson and their followers.
17. *Milton*. Offered every other year. Fall 1968. MR. REDWINE.  
A critical study of Milton's chief writings in poetry and prose.
18. *Eighteenth-Century Poetry and Prose*. Offered every other year. Spring 1968. MR. GREASON.  
A study of neoclassical values, with special attention to the writings of Dryden, Swift, Pope, and Johnson.
19. *English Romanticism*. Offered every other year. Fall 1968. MR. HALL.  
An analytical study of the origins, growth, and nature of Romanticism, with emphasis on Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.
20. *Victorian Poetry*. Offered every other year. Spring 1969. MR. COXE.  
A critical study of the major Victorian poets.
21. *Twentieth-Century English and American Literature I*. Offered every other year. Fall 1967. MR. HALL.  
A critical analysis of the philosophic and technical bases of the modern schools beginning with Joseph Conrad.
22. *Twentieth-Century English and American Literature II*. Offered every other year. Spring 1968. MR. FISHER.  
Various developments in contemporary literature.

30. *Literary Criticism: Definitions and Methods*. Offered every year. Spring 1968. MESSRS. HALL AND REDWINE.

An approach to criticism through the definitions of its governing concepts and terms; analysis of selected critical writings and practice in the application of the principles and instruments of criticism. Required of all candidates for graduate study.

31. *The Development of the English Drama*. Offered every other year. Fall 1968. MR. HORNBLY.

A study of representative plays of Medieval, Elizabethan (excluding Shakespeare), Jacobean, and Restoration drama, as far as Sheridan.

32. *Modern Drama*. Offered every other year. Spring 1969. MR. HORNBLY.

A study of modern dramatic literature, with emphasis on the comparative trends and influences of foreign drama.

33. *The English Novel I*. Offered every other year. Fall 1967. MR. COXE.

A critical study of the development of English fiction and the changing patterns of the novel in the eighteenth and nineteenth centuries, through Thackeray.

34. *The English Novel II*. Offered every other year. Spring 1968. MR. COURSEN.

Later nineteenth-century fiction.

35. *American Literature I*. Offered every year. Fall 1967. MR. BROWN.

Lectures and readings in American literature from the Puritan Age to the Civil War.

36. *American Literature II*. Offered every year. Spring 1968. MR. BROWN.

Major American writers from 1865-1950.

41. *Studies in Literary Genres*. Offered every year.

Lectures, discussions, and extensive readings in a major literary genre: e.g., The Narrative Poem, The Lyric Poem, Fiction, Comedy, Tragedy, or The Essay.

Fall 1967. Tragedy. MR. COURSEN.

Various formulations of the nature of tragedy from Aristotle to the present—the tragic vision, the tragic hero, etc. Primary emphasis on tragic literature: Aeschylus, Sophocles, Eu-



ripides, Kyd, Marlowe, Shakespeare, Middleton, Milton, Shelley, Byron, Dostoevsky, Hawthorne, Melville, Ibsen, Hardy, Dreiser, Lawrence, O'Neill, T. S. Eliot, Hemingway, Giraudoux, Cocteau, Camus.

Prerequisite: The consent of the instructor.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course consists in the Junior and Senior years of individual study under tutorial supervision in two areas (e.g., a period, a movement, a genre) which have not been covered formally through courses. In the fall, the study shall consist of an extensive and intensive reading program and conferences with the tutor. In the spring, the study shall consist of the supervised writing of a major essay.

201, 202. *Independent Study*. THE DEPARTMENT.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Geology

ASSOCIATE PROFESSOR HUSSEY, *Chairman*

Students contemplating graduate work in Geology should consult the Chairman of the Department as soon as possible and should plan a major program in Chemistry or Physics and take *Geology* 1-2, 3, 4, 5, and 8. By the end of the Sophomore year the following courses should be completed: *Mathematics* 11, 12, *Geology* 1-2, and *Chemistry* 11, 12 or *Physics* 11, 12.

\*1-2. *Introduction to Physical and Historical Geology*. Offered every year.

The Fall Semester will be devoted to the composition and structure of the earth and the processes which affect the earth's crust. Three hours of laboratory work each week will include the recognition and study of common rocks and minerals, the interpretation of topographic and geologic maps, and two half-day trips to examine the geological features of southwestern Maine.

The Spring Semester will be given to a study of the principles involved in the interpretation of geologic history and a review of present knowledge of the evolution of the earth and its inhabitants. In addition to the weekly laboratory study of

fossils and geologic maps, a two-day field trip will be taken in the late spring to study the geology of selected areas along the coast of Maine.

*Geology 1-2* fulfills the laboratory science requirement for the degree for students with a year's work in college Mathematics.

3. *Crystallography and Mineralogy*. Fall 1967 and Fall 1969.

Lectures will be devoted to morphological crystallography, crystal chemistry, and a survey of the common rock-forming and economic minerals. Six hours of laboratory each week will include morphological and X-ray crystallography, and identification of minerals by inspection, chemical, optical, and X-ray diffraction techniques.

Prerequisite: *Chemistry 11, 12* or *Geology 1-2*.

4. *Optical Mineralogy and Petrography*. Spring 1968 and Spring 1970.

An introduction to the classification, genesis, and description of the common rock types. Six hours of laboratory each week will be devoted to the theory and use of the petrographic microscope as applied to mineral identification and rock description.

Prerequisite: *Geology 3*.

5. *Structural Geology*. Fall 1968 and Fall 1970.

An introduction to the primary and secondary structures of rocks, and the interpretation of crustal deformation from these features. Laboratory work will include the interpretation of the structural features of the United States as synthesized from local and regional data.

Prerequisite: *Geology 1-2*.

8. *Invertebrate Paleontology*. Spring 1969 and Spring 1971.

The concepts and paleontological evidence of evolution, the principles of paleontology, and application of fossil data to geology and biology will be discussed in addition to examining the classification and morphology of the invertebrate groups occurring as fossils. Three lecture hours and three laboratory hours each week.

Prerequisite: *Geology 1-2* or *Biology 1-2*.

## German

PROFESSOR KOELLN, *Chairman*; PROFESSOR RILEY; ASSISTANT  
PROFESSOR HODGE; MR. ESPOSITO; AND TEACHING FELLOWS  
BAMBACH AND ROOS

NOTE: Students who think that they might like to teach German in high school or college should inform the Department early of their interest. They should take *History* 1-2 and college work in another foreign language besides German.

REQUIREMENTS FOR THE MAJOR IN GERMAN: A major consists of *German* 9, 10, 13, 14, the major course, and two units from the following: *German* 7, 8, 11, 12. Major students are urged to take *German* 5, 6. For a statement of the rules governing the major course, the choice of a minor, and the requirements for honors in German, see pages 86-89. Recommended for the minor are courses in European History, English Literature or another European Literature, Religion, European Art, or Philosophy.

\*1-2. *Elementary German*. Offered every year. MESSRS. HODGE AND ESPOSITO.

Five class hours a week, three of which will be devoted to training in grammar, composition, and reading. The two remaining periods, restricted to oral-aural training, will be conducted in the laboratory or in conversation classes by the native teaching fellows, MESSRS. BAMBACH AND ROOS.

*A supervised language laboratory is available to all students in the Department.*

\*3-4. *Intermediate German*. Offered every year. MESSRS. RILEY, HODGE, AND ESPOSITO.

Four hours a week, three of which will be devoted to reading, composition, and review of grammar. The one remaining period, restricted to oral-aural training, will be conducted in the laboratory or in conversation classes by the native teaching fellows, MESSRS. BAMBACH AND ROOS.

Director of the oral-aural program in *German* 1-2 and 3-4: MR. RILEY.

5, 6. *German Conversation and Composition*. Offered every year. MR. KOELLN.

A course designed to teach a student to express himself in oral and written German and to understand the spoken language.

Prerequisite: *German* 3-4.



7. *German Literature of the Nineteenth Century*. Fall 1968. MR. KOELLN.  
A study of the best elements of German Realism and Naturalism. Reading of lyric poetry, plays, and short stories. The lectures will be in German.  
Prerequisite: *German 3-4*.
8. *Continuation of Course 7*. Spring 1969. MR. KOELLN.  
Prerequisite: *German 3-4*.
- 9, 10. *A Survey of German Literature*. Offered every year. MR. RILEY.  
A rapid survey of German literature and civilization from the earliest times to the middle of the eighteenth century; more detailed study of the period from 1748 to modern times. Reading of lyric poetry, plays, and short stories.  
Prerequisite: *German 3-4*.
11. *Schiller*. Fall 1967 and Fall 1969. MR. KOELLN.  
The life, poetry, drama, historical, and philosophical works of Friedrich Schiller. Lectures in German, readings, and reports.  
Prerequisite: *German 3-4* or the consent of the instructor.
12. *The Romantic Movement in Germany*. Spring 1968 and Spring 1970. MR. KOELLN.  
Prerequisite: *German 3-4* or the consent of the instructor.
- 13, 14. *Goethe*. Offered every year. MR. KOELLN.  
Life and works of Goethe, especially *Faust*.  
Prerequisite: *German 7, 8, or 9, 10, or 11, 12*.
- [15, 16. *Advanced German Composition and Conversation*.]  
For especially prepared upperclassmen only.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.  
The major course will consist of at least four seminars or conferences in each of the last four Semesters. These meetings are planned to supplement the work done in courses by helping students to achieve a reasonably coordinated knowledge of the history of German literature and civilization, and to gain an acquaintance with the most important works of representative authors.
- 201, 202. *Independent Study*. THE DEPARTMENT.
- 301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Government and Legal Studies

PROFESSOR DAGGETT; PROFESSOR DONOVAN, *Chairman*; VISITING  
PROFESSOR ARMSTRONG; ASSOCIATE PROFESSOR RENSENBRINK;  
AND MESSRS. FOX AND EMMERT

REQUIREMENTS FOR THE MAJOR IN GOVERNMENT AND LEGAL STUDIES: A major consists of six course units, two of which shall be in the *general field* offered for the major examination and shall be either *Government* 1-2, or 11, 12. The other four shall be in the *special fields* and may be selected from all those offered by the Department other than *Government* 1-2. The minor shall be planned to complement the major. Ordinarily it is selected in a related field such as Economics, History, or Sociology, or in a combination such as American History and American Literature. For a statement of the rules governing the major course, the choice of a minor, and the requirements for honors, see pages 86-89.

### *Government*

- \*1-2. *American Government*. Offered every year. MESSRS. DONOVAN, FOX, AND EMMERT.

A survey of government in the United States; a study of political institutions and governmental problems.

5. *Municipal Government*. Offered every Fall. MR. FOX.

A study of the political forces at work in both small towns and large cities. The party structure, the forms of government, and the role played by interest groups will be considered. Some of the major problems facing local governments will also be examined.

Prerequisite: *Government* 1-2, or 11, or the consent of the instructor.

6. *Intergovernmental Relations*. Spring 1969.

An analysis of the relationships between the federal, state, and local governments in the United States. Emphasis will be placed on Federal-State relations and on the problems of metropolitan areas.

Prerequisite: *Government* 1-2, or 11, or the consent of the instructor.

9. *Public Administration*. Spring 1968. MR. FOX.

A study of the executive branch of the American government in the light of the leading administrative theories and

the major problems of administration. The independent regulatory commissions will also be studied.

Prerequisite: *Government* 1-2, or 11, 12, or *Economics* 15, or the consent of the instructor.

10. *The American Presidency*. Spring 1968. MR. EMMERT.

A study of how the President is chosen, the powers and duties of the office, and the forces which both limit and expand the role of the President. Emphasis will be placed on the contemporary Presidency.

Prerequisite: *Government* 1-2 or the consent of the instructor.

11. *Comparative Government*. Offered every Fall. Fall 1967. MESSRS. RENSENBRINK AND EMMERT.

Analysis of the structure, workings, and character of selected post-World War II governments, other than the United States. Governments will be chosen for study from among the major areas of the world, including Europe, Africa, and the Far East; and including for closer analyses the governments of the United Kingdom, France, the Soviet Union, India, and China.

Prerequisite: *Economics* 1-2.

12. *Continuation of Course 11*. Offered every Spring. Spring 1968. MESSRS. RENSENBRINK AND EMMERT.

Prerequisite: *Government* 11.

13. *Political Parties*. Offered every Fall. MR. DONOVAN.

A study of political parties, their role in democracy, and their relationships with other American political institutions. An examination of the principles governing party organization and leadership; and further consideration of such problems in practical politics as the behavior of voters and the techniques of campaigning.

14. *The Legislative Process*. Spring 1968. MR. DONOVAN.

A study of the policy-making process in American government with special emphasis on executive-legislative relations, the roles of Congress and the Presidency, and the basic problem of responsible formulation of public policy in modern American democracy.

Prerequisite: *Government* 1-2, or 11, or the consent of the instructor.

15. *Problems of World Politics*. Fall 1967. MR. ARMSTRONG.



An analysis of the position of the leading powers; selected problems illustrating the basic elements of stability and instability in the modern world.

16. *Development of American Political Thought*. Fall 1967. MR. DONOVAN.

A survey of American political thought from the seedtime of the Republic through the present. Particular emphasis will be directed toward an analysis of major American thinkers from Madison to John Dewey. The course will conclude with an examination of the contemporary dialogue of American liberalism, conservatism, and radicalism.

Prerequisite: *Government* 1-2, or 11, or 19, 20, or *History* 20-21.

18. *Formulation of United States Foreign Policy*. Spring 1969.

A study of the forces and institutions which shape American foreign policy. The role of the President, the executive departments, the Congress, and interest groups will be examined.

Prerequisite: *Government* 1-2 or the consent of the instructor.

19. *The History of Political Thought in the West from Greek Antiquity to the Present Day*. Offered every Fall. Fall 1967. MR. RENSENBRINK.

An analysis, through close textual criticism, of the political writings of selected thinkers of ancient Greece, ancient Rome, medieval Europe, and modern western civilization. Non-Western thinkers may also be included. Examples of authors to be read are Plato, Aristotle, Lucretius, Augustine, Marsiglio of Padua, Machiavelli, Hobbes, Locke, Rousseau, Hegel, John Stuart Mill, Marx, Kierkegaard, Nietzsche, Veblen, Weber, Lenin, Collingwood, Ortega y Gasset, Pareto, Sorel, Dewey, Sartre, Mao tse Tung, Gandhi. Not all of these authors will be read in a single year. Authors not listed may be read in any given year.

Prerequisite: *Philosophy* 11-12, or *Government* 1-2, or *Government* 11, 12, or *Economics* 1-2, or *Psychology* 1-2.

20. *Continuation of Course 19*. Offered every Spring. Spring 1968. MR. RENSENBRINK.

Prerequisite: As under *Government* 19.

21. *Political Analysis and the Forces of Change*. Fall 1967. MR. RENSENBRINK.

A study in the perception and conceptualization of political forces through an examination in depth of selected historical contexts. The examination will center on the interaction of sociological, economic, and psychological factors with political formation and development.

Specifically, the course is an introduction to the study of contemporary Black Africa (i.e., Africa south of the Sahara) with particular attention to Nigeria in West Africa and Tanzania in East Africa.

Enrollment limited to 24 Freshmen.

### *Legal Studies*

- \*3-4. *American Constitutional Law*. Offered every year. (Omitted in the Fall Semester, 1967. Offered as a three-hour course in the Spring Semester, 1968.) MR. DAGGETT.

A study of constitutional principles in the United States. The case method is used in the presentation of material.

Prerequisite: *Government* 1-2. Open to Juniors and Seniors.

7. *International Law*. Fall 1969. MR. DAGGETT.

A study of the modern state system, of the role of law in its operation, of the principles and practices which have developed, and of the problems involved in their application.

Prerequisite: *Government* 1-2, or 11, 12, or *History* 1-2, or 9, 10.

8. *International Organization*. Spring 1969. MR. DAGGETT.

The development of arbitration and judicial settlement; the League of Nations; the United Nations; and selected agencies such as the International Labor Organization.

Prerequisite: *Government* 7.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

During the Fall Semester each year the work, which is organized on a two-year cycle, deals with the masterpieces of political writing. In the Spring Semester the Senior work is preparatory for the examination, while the Junior reading deals with such concepts of political science as the state, law, sovereignty, and the nature of politics and the political process.

- 201, 202. *Independent Study*. THE DEPARTMENT.

- 301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## History

PROFESSORS HELMREICH AND WHITESIDE; ASSOCIATE PROFESSOR  
LEVINE; ASSOCIATE PROFESSOR HOWELL, *Chairman*;  
AND ASSISTANT PROFESSOR NYHUS

**REQUIREMENTS FOR THE MAJOR IN HISTORY:** A major consists of the Major course (History 101) and a minimum of eight courses. The Department has divided its course offerings into four fields: early Europe (to about 1500); early modern Europe (about 1500 to about 1848); modern Europe (about 1848 to the present); and the United States. Majors in History are expected to have some elementary knowledge in three of these four fields, either through course work or independent reading. In one of these three fields majors must have knowledge in considerable depth. In this field, called a field of concentration, a student will normally take about four courses, including, where available, a course numbered in the 30's. If they so desire, students may arrange to substitute other fields (for example: Eastern Europe; England) for any of the fields named above.

The Department is happy to recognize the advanced work carried on in many secondary schools. Prerequisites may be met either through the Advanced Placement Program administered by the College Entrance Examination Board or, on application, by a placement test given by the Department. The Department wishes to draw attention to the fact that courses numbered in the 30's and independent study projects are open to qualified students who are majors in subjects other than History. For a statement of the rules governing the major course, the choice of a minor, and requirements for honors see pages 86-89.

\* 1-2. *History of Western Civilization from Classical Times to the Present.* Offered every year. MESSRS. HELMREICH AND NYHUS.

A survey of the chief political, economic, religious, intellectual, and cultural developments of European society. The Fall Semester is devoted to the heritage of classical antiquity, the development of the Christian Church, the Saracenic Empire, the feudal system, the beginning of national states, the Renaissance and Reformation. In the Spring Semester emphasis is laid on the growth of nationalism together with the evolution of present-day political and social systems, the French Revolution, the Industrial Revolution, imperialism, World War I, and the interwar period.



3. *Political, Cultural, and Intellectual History of Europe in the Classical Period.* Fall 1969 and Fall 1971. MR. NYHUS.

A study of the civilizations of Greece and Rome from the Homeric Age to the late Roman Empire, emphasizing the political development, the economic and social conditions, and the culture of the classical world.

4. *History of Europe in the Middle Ages.* Fall 1967 and Spring 1970. MR. NYHUS.

A general survey of medieval history covering political and social institutions as well as intellectual and cultural movements. The course begins with the end of the Roman Empire but emphasizes the Carolingian period and the High Middle Ages.

5. *History of the Reformation and the Age of Louis XIV.* Fall 1968 and Fall 1970. MR. HOWELL.

A brief study of the Reformation serves as an introduction for the political, religious, and intellectual history of Europe from the opening of the sixteenth century to the death of Louis XIV.

6. *History of the Enlightenment and the Revolutionary Era.* Spring 1969 and Spring 1971. MR. HOWELL.

A study of the background, course, and influence on Europe of the French Revolution and the Napoleonic Era.

7. *History of England from its Origins to the Seventeenth Century.* Fall 1967 and Fall 1969. MR. HOWELL.

A survey of the cultural and intellectual, the political and constitutional, and the social and economic development of England.

8. *History of England from the Seventeenth Century to the Present Day.* Spring 1968 and Spring 1970. MR. HOWELL.

Continuation of *Course 7*, but emphasizing, in addition, the growth of the British Empire.

9. *History of Europe from the Revolutions of 1848 to World War I.* Fall 1968 and Fall 1970. MR. HELMREICH.

Political and social history of the states of Europe and of their imperialistic expansion, ending in a detailed study of the origins of World War I.

Prerequisite: *History 1-2*, or *Government 11, 12*, or the consent of the instructor.

10. *Recent European History*. Spring 1969 and Spring 1971. MR. HELMREICH.

A rapid survey of World War I and the peace settlements as a background for the study of political and social developments in Europe in the interwar period, World War II, and current international problems.

Prerequisite: As under *History* 9.

13. *Renaissance Europe*. Fall 1968 and Fall 1970. MR. NYHUS.

In addition to a close study of the politics and culture of the period, the course considers the historical problem of a renaissance.

- \*15-16. *History of Russia and East Central Europe*. Fall and Spring 1967-1968 and 1969-1970. MR. HELMREICH.

A study of the historic origins and development of the peoples of Russia, the Baltic States, Poland, Czechoslovakia, Austria, Hungary, the Balkans, and Turkey, ending with an analysis of Russia's present-day relations with her satellites.

Prerequisite: *History* 1-2 or the consent of the instructor.

- \*20-21. *Interpretations of American History*. Offered every year. MR. LEVINE.

This course assumes an elementary chronological knowledge of American History, and goes on to consider various, often contradictory interpretations historians have offered of the American past. Through an examination both of monographic studies and of original sources, the course offers an introduction to problems and methods of historical thinking in the context of American History.

22. *The United States and its World Relations since 1898*. Spring 1969 and Spring 1971. MR. WHITESIDE.

An attempt to integrate domestic history and changing relationships with the outside world. While the course is not conventional diplomatic history, considerable attention is paid to diplomacy.

26. *The Colonial Mind*. Fall 1967 and Fall 1969. MR. WHITESIDE.

The origins of American Civilization examined through intellectual history. Particular attention will be paid to Puritanism and its influence and to political theory of the Revolutionary period.

27. *The Crisis of the Union, 1848-1877*. Fall 1968 and Fall 1970. MR. LEVINE.

A careful study from monographs and source materials of increasing sectional antagonism, the origins of the Civil War, the war itself, and attempts to solve postwar problems.

28. *The Nation Transformed*. Spring 1968 and Spring 1970. MR. WHITESIDE.

The great transformation from a predominantly rural to a predominantly urban nation which took place from about 1865 to World War I. Particular stress on changing ideas.

31. *Problems in Early European History*. MR. NYHUS.

This is a close and rigorous investigation of a single period or problem in ancient, medieval, or renaissance history. In addition to critical discussion of sources and monographs, students will develop special aspects of the problem as research projects.

Spring 1969: The Renaissance Critique of Scholasticism.

Spring 1970: The Medieval City.

Prerequisite: The consent of the instructor.

32. *Problems in European History*. Spring 1968 and Spring 1969. MR. HOWELL.

A close investigation of a single period or problem in the history of early modern Europe. Following critical discussion of sources both primary and secondary, students will develop specialized aspects as research projects.

1968: The Overseas Expansion of Europe.

1969: The Age of Louis XIV.

Prerequisite: The consent of the instructor.

33. *Problems in English History*. Offered every Fall. MR. HOWELL.

A close investigation of a single period or problem in the history of England. Following critical discussion of sources both primary and secondary, students will develop specialized aspects as research projects.

1967: Britain in the Twentieth Century.

1968: Elizabethan England.

Prerequisite: The consent of the instructor.

34. *Problems in United States History*. MR. LEVINE.

A close investigation of a single period or problem in the history of the United States. Following critical discussion of sources both primary and secondary, students will develop specialized aspects as research projects.



Spring 1968: The Progressive Era.

Spring 1969: The Negro in American History.

Prerequisite: The consent of the instructor.

*The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

During their Junior year all History Majors will read a common core of material under the supervision of the members of the Department. During their Senior year they will meet for study with individual members of the Department according to their field of interest and concentration. In addition, Junior and Senior majors are expected to attend meetings of the History Club, which assembles several times during the year as programs are arranged.

201, 202. *Independent Study*. THE DEPARTMENT.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Mathematics

PROFESSOR CHRISTIE, *Chairman*; PROFESSOR CHITTIM; ASSISTANT PROFESSORS STERLING, JOHNSON, GROBE, MITCHELL, SILBERGER, BROOKS, AND SPRINGSTEEL; LECTURER MR. CURTIS;  
AND MR. BAZAR

REQUIREMENTS FOR THE MAJOR IN MATHEMATICS: Each major student is required to complete *Course* 101. He may meet the remaining requirements for the major (1) by completing with acceptable grades *Courses* 21, 22, 31 or 32, 35, and four others chosen with the approval of the Department from courses numbered 30 or above, provided that the total number of his college courses is two more than the number required for graduation, or (2) by completing *Courses* 21, 22, 31 or 32, 35, and two others numbered 30 or above, plus the comprehensive examination. *Mathematics* 26 or an advanced course in theoretical physics may, with the consent of the Department, count towards the major in Mathematics. Permission to take the comprehensive examination will not be granted after the beginning of the second semester of the Senior year.

1, 2. *Topics in Mathematics*. Offered every year. THE DEPARTMENT.

A study will be made of the origins of mathematical problems, the nature of mathematical language and proof, and the purpose and applicability of abstract mathematics. The sub-

ject matter will consist of four half-semester units, one of which will be devoted to the basic concepts of calculus. The two topics tentatively chosen for the Fall Semester, 1967, are the theory of linear graphs and the theory of numbers. Possible topics for other semesters include: foundations of arithmetic, surface topology, group theory, non-Euclidean geometry, game theory, and combinatorial mathematics.

Prerequisites: *Mathematics 1* is open to all students. For *Mathematics 2* a student who has not taken *Mathematics 1* or who has had a course in calculus must secure the consent of the Department.

11. *Analytic Geometry and Calculus*. Offered every Fall. MESSRS. CHITTIM, STERLING, GROBE, SPRINGSTEEL, CURTIS, AND BAZAR.

Elements of analytic geometry; and of differential and integral calculus.

Open to students whose secondary school courses, offered for admission to college, have included the customary training in first- and second-degree equations and inequalities, exponents and radicals, geometric progressions, the binomial theorem, the function concept, coordinate systems and graphs, and the properties of and relations among the trigonometric functions.

An honors section, with limited enrollment, is provided for adequately qualified students.

12. *Continuation of Course 11*. Offered every Spring. MESSRS. CHITTIM, STERLING, GROBE, SPRINGSTEEL, AND BAZAR.

Additional calculus; an introduction to infinite series and ordinary differential equations.

Prerequisite: *Mathematics 11* or an equivalent preparation which includes elementary analytic geometry and a thorough course in calculus.

14. *Elementary Mathematics of Statistics*. Offered every Semester. MESSRS. SILBERGER AND BROOKS.

Probability; topics from the mathematical theory of statistics, such as measures of central tendency and dispersion, theoretical frequency distributions, elementary sampling theory, point and confidence interval estimates of population parameters, and tests of hypotheses.

Prerequisite: As for *Mathematics 12*.

21. *Vector Geometry and Linear Algebra*. Offered every fall. MESSRS. JOHNSON, SPRINGSTEEL, AND BAZAR.

Vectors and matrices applied to topics in linear mathematics.

Prerequisite: *Mathematics 12*.

22. *Intermediate Calculus*. Offered every Spring. MESSRS. JOHNSON AND SPRINGSTEEL.

The differential and integral calculus of more than one variable; applications to geometry.

Prerequisite: *Mathematics 21*.

23. *Algebra*. Fall 1968. MR. CHITTIM.

Real and complex numbers, determinants and matrices, theory of equations, divisors and prime numbers, congruences, quadratic residues, continued fractions.

Prerequisite: Two semesters of college Mathematics or the consent of the instructor.

26. *Numerical Analysis*. Spring 1968. MR. CURTIS.

Computability, solutions of systems of linear and nonlinear simultaneous equations, polynomial approximation, numerical differentiation and integration, solutions of systems of first-order differential equations. The I.B.M. 1620 will be used extensively throughout the course.

Prerequisite: *Mathematics 21* or *23* or the consent of the instructor.

30. *Linear Models*. Fall 1967. MR. BROOKS.

Linear programming with applications to the social sciences. The principal optimality, duality, and equilibrium theorems. Allocation of resources, flow in a network, the simplex method. The transportation and transshipment problems. Linear models of economic exchange and production. The theory of matrix games and strategy. The minimax theorem.

Prerequisite: *Mathematics 21*.

31. *Applied Analysis*. Offered every Fall. MR. GROBE.

The material for this course will be selected from the following list of topics: the Taylor expansion, uniform convergence, Fourier series, the Laplace transform, general methods in ordinary linear differential equations, boundary value problems including the Sturm-Liouville equation, and an introduction to partial differential equations.

Prerequisite: *Mathematics 22*.

32. *Advanced Calculus*. Offered every Spring. MR. GROBE.

An introduction to the theory of functions of one real vari-



able. Topics include: sequences and series, continuity, uniform continuity, differentiability, the Riemann integral, the Riemann-Stieltjes integral, some special functions, and existence theorems for ordinary differential equations.

Prerequisite: *Mathematics* 39 or the consent of the instructor.

33. *Foundations of Geometry*. Spring 1968. MR. STERLING.

Euclidean and non-Euclidean geometries will be treated in the framework of Klein's Erlangen program. Topics will be drawn from transformation groups and invariants, coordinatization and models, one- and two-dimensional projective geometry and subgeometries such as affine, Euclidean metric, hyperbolic, and elliptic.

Prerequisites: *Mathematics* 21, 22, or 21 and the consent of the instructor.

34. *Complex Variable*. Offered every Spring. MR. CHITTIM.

Analytic functions of a complex variable, differentiation and integration in the complex plane, theory of residues, conformal mapping.

Prerequisite: *Mathematics* 31 or 32 (may be taken concurrently), or *Mathematics* 22 and the consent of the instructor.

35. *Introduction to Algebraic Structures*. Offered every Fall. MR. STERLING.

Algebraic properties of number systems. Groups, rings, fields, vector spaces, and their homomorphisms.

Prerequisite: *Mathematics* 21.

36. *Set Theory*. Spring 1969. MR. JOHNSON.

The set-theoretical foundations of mathematics, including equivalence and order relations, ordinal and cardinal numbers, and the axiom of choice. Although there are no formal prerequisites, the student is expected to have completed at least two years of Mathematics.

37. *Probability*. Fall 1967. MR. BROOKS.

Foundations and axioms. Sequences of independent trials. Random variables, distribution functions, and expectations. Laws of large numbers. Characteristic functions and central-limit theorems. An introduction to stochastic processes, Markov chains, and queuing theory.

Prerequisite: *Mathematics* 12.

38. *Mathematical Statistics*. Spring 1968. MR. BROOKS.

The multivariate normal distribution. Point estimation, properties of estimates, the principle of maximum likelihood. Sampling distributions. Confidence intervals and regions. Tests of hypothesis. Regression, analysis of variance and experimental design. Sequential tests of hypothesis and quality control techniques. Some nonparametric methods.

Prerequisites: *Mathematics* 22 and 37, or the consent of the instructor.

39. *Introduction to Topology*. Offered every Fall. MR. MITCHELL.

Fundamental concepts of general topology: topological spaces, continuity, separation and countability axioms, connectedness, and compactness. The geometric emphasis will be made more explicit, as time permits, by a consideration of mappings, fixed points, vector fields, networks and polyhedra, curves and surfaces.

Prerequisite: *Mathematics* 22.

40. *Topics in Topology*. Spring 1968. MR. MITCHELL.

One or two directions in topology are pursued with a fair degree of thoroughness. Possible topics are the following: homology and cohomology theories of complexes and spaces, homotopy theory, topological groups, the algebraic theory of knots, differential topology, additional general topology, or applications of topology.

Prerequisites: *Mathematics* 35, 39; or the consent of the instructor.

42. *Advanced Topics in Algebra*. Offered every Spring. MR. JOHNSON.

A selection will be made from the following topics: rings, ring homomorphisms, ideals, polynomial rings, fields of quotients, fields, field extensions, Galois theory. Rings with minimum condition, noetherian and local rings, homology theory. Noncommutative rings. Finite and infinite abelian groups, torsion, the ring of endomorphisms of a module.

Prerequisite: *Mathematics* 35.

44. *Advanced Topics in Geometry*. Fall 1968.

The content of the course will vary, so as to provide the student with advanced geometrical experience from the areas of algebraic geometry, classical differential geometry, or projective and metric geometry.

Prerequisites: *Mathematics* 32, 35; or the consent of the instructor.

45. *Advanced Topics in Analysis*. Fall 1967. MR. SILBERGER.

Topological properties of the real numbers, foundations of the calculus, function spaces, Lebesgue measure and integration.

Prerequisite: *Mathematics* 32.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The object of the course is to expand the mathematical horizon of the major through lectures, assigned reading, and special projects leading to written or oral reports.

- 201, 202. *Independent Study*. THE DEPARTMENT.

- 301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

### *1967 Summer Institute for Secondary School Teachers of Mathematics*

PROFESSOR CHITTIM, *Director*; PROFESSOR DANIEL T. FINKBEINER (Kenyon College); DR. WILLIAM F. LUCAS (Rand Corporation); MR. D. MICHAEL BAZAR; AND MR. JOSEPH F. AIETA (Westport, Connecticut)

#### Course I. *Probability and the Mathematics of Statistics*.

Sample spaces, probability and combinatorial analysis, random variables, some discrete and continuous distributions, basic theorems, statistical problems, selected recent applications.

#### Course II. *Linear Algebra*.

The algebra and geometry of vector spaces as an extension of two- and three-dimensional Euclidean space. Linear mappings and their matrix representations; the role of coordinate systems. Methods and concepts of abstract algebra.

### *1968 Summer Institute for Secondary School Teachers of Mathematics*

#### Course I. *Geometric Algebra*.

Theorems on vector spaces, notions of group and field theory; affine and projective geometry: dilations and translations, Desargues' and Pappus' theorems; the projective plane;



the theory of quadratic and skew-symmetric bilinear forms in a geometric language.

Course II. *Mathematical Logic.*

A formal system: symbols, definitions, postulates, formation and transformation rules, bound and free variables, formal deduction; quantification; the Propositional Calculus; critique of mathematical deduction; paradoxes; Gödel's theorem.

The Summer Institutes for Secondary School Teachers of Mathematics are part of a program of *sequential* institutes. Participants are secondary school teachers who have done work of superior quality as undergraduate majors in Mathematics at accredited institutions and who are ready to undertake graduate studies. Successful completion of work in four Bowdoin Summer Institutes leads to the award of the degree of Master of Arts.

*1967 Summer Advanced Seminar  
for Graduate and Postgraduate Students of Mathematics*

PROFESSOR CHRISTIE AND ASSOCIATE PROFESSOR JONATHAN D. LUBIN (Brown), *Directors*; ASSISTANT PROFESSOR JOHNSON, *Associate Director*; PROFESSOR ARTHUR MATTUCK (M.I.T.); ASSISTANT PROFESSORS ROBERT E. BRINEY (Purdue) AND NEWCOMB GREENLEAF (Rochester)

This Advanced Science Seminar provides mathematical training in a research atmosphere by offering both a graduate course and research colloquium.

Course. *Introduction to Algebraic Geometry.*

This graduate-level course gives a rapid, eclectic sketch of the foundations of algebraic geometry, using the languages of both schemes and varieties. It then takes up cohomology, the Riemann-Roch theorems for curves and surfaces, and other topics. It is based on lectures by Professor Mattuck. Supporting sessions, including junior seminars, are conducted by Professors Briney and Greenleaf as well as by numerous post-doctoral members.

Colloquium. *Algebraic Geometry and Related Topics.*

Sequences of lectures on research topics are given by visiting mathematicians such as Professors M. Artin (M.I.T.), D. Harrison (Oregon), H. Hironaka (Columbia and Purdue), S. L. Kleiman (Columbia), J. D. Lubin (Brown), D. Mumford (Harvard), J. T. Tate (Harvard), G. Washnitzer (Princeton), and O. Zariski (Harvard).

*1967-1968 Academic Year Institute  
for Secondary School Teachers of Mathematics*

PROFESSOR CHRISTIE, *Director*

ASSISTANT PROFESSOR GROBE, *Associate Director*

Participants in this Institute are selected secondary school teachers with a background in the *subject-matter* of mathematics enabling them to pursue the subject at the level of graduate study. The 1967-1968 Academic Year Institute is related to the 1967 Summer Institute in such a way as to provide a program of graduate study running through a twelve-month year. Each graduate student submits for the approval of the Department a program of ten courses. Of these, two are the offerings of the 1967 Summer Institute; six are chosen from advanced upper-class courses; two are graduate seminars especially arranged for the members of the Academic Year Institute. Successful completion of the program with a level of performance appropriate to work at the graduate level leads to the award of the degree of Master of Arts.

## Military Science

LIEUTENANT COLONEL FLEMING, LIEUTENANT COLONEL OSGOOD,  
MAJOR LANGBEIN, CAPTAIN SUTTON, AND CAPTAIN OSTERHOUDT

\*11-12. *First Year Basic Course* (90 hours). Offered every year.

*Organization of the Army and ROTC* (5 hours). *Individual Weapons and Marksmanship* (10 hours). *United States Army and National Security*: The missions and responsibilities of the Army (15 hours). *Academic Subject*: The additional required 30 classroom hours will be met by the substitution of a non-military-taught course selected by the student from the following general academic areas—Effective Communication, Science Comprehension, General Psychology, Political Development and Political Institutions (30 hours). *Leadership Laboratory*: Leadership training, drill experience, and the development of certain characteristics of leadership through progressive training in the exercise of command. This phase of military science continues in steps of increasing responsibility through the entire four-year program (30 hours).

\*21-22. *Second Year Basic Course* (90 hours). Offered every year.

*Map and Aerial Photograph Reading* (15 hours). *American Military History*: To provide a sound foundation in the principles of war as exemplified in American military history and

the development of the military art in the United States Army (30 hours). *Introduction to Operations and Basic Tactics*: The principles and fundamentals of small unit tactics (15 hours). *Leadership Laboratory*: As listed for Courses 11-12 with special attention to the continued development of leadership potential through assignments to positions of increased responsibility in the Cadet Corps (30 hours).

Prerequisite: *Military Science* 11-12 or credit for prior military training or service.

\*31. *First Year Advanced Course* (75 hours). Offered every Fall.

*Leadership*: The factors which affect human behavior, methods of accomplishing motivation, and practices in the application of the principles of leadership (15 hours). *Academic Subject*: Constructive credit is granted for an elective subject chosen from the following general academic areas—Effective Communication, Science Comprehension, General Psychology, Political Development and Political Institutions. In the event that a particular subject was required in the student's academic curriculum during his Freshman and Sophomore years, the elective must be selected either from another general area or an advanced subject in the same area. However, if the subject selected was not required in the student's academic curriculum during his Freshman and Sophomore years, complete freedom of selection from within the four academic areas is permissible. The PMS will evaluate and approve the elective subject selected. Consideration will be given to the value of the subject in furthering the professional qualification of the student as a prospective commissioned officer in the United States Army (45 hours). *Leadership Laboratory*: As listed for Courses 11-12, emphasizing the functions, duties, and responsibilities of leaders in the first three noncommissioned and/or junior officer grades (15 hours).

Prerequisite: *Military Science* 21-22 or credit for completion of six weeks of basic summer camp.

\*32. *Continuation of Course 31* (75 hours). Offered every Spring.

*Branches of the Army*: Information on the role of the various branches of the Army to assist the student in selecting the branch of service in which he desires to be commissioned (6 hours). *Military Teaching Principles*: The principles, methods, and techniques which are fundamental to military instruction, and the preparation, presentation, and evaluation of instruction (20 hours). *Small Unit Tactics and Communications*:



The principles and fundamentals of small unit tactics and their application to infantry units; the principles of communications and communication systems (25 hours). *Counterinsurgency*: The history and development of clandestine paramilitary organizations, and the methods and techniques employed by conventional forces in counterinsurgency operations (5 hours). *Precamp Orientation*: The general conduct of training at ROTC Summer Camp (4 hours). *Leadership Laboratory*: As listed for *Course 31* (15 hours).

Prerequisite: *Military Science 31*.

*ROTC Summer Camp*: Summer 1968. Students enrolled in the Advanced Course are required to attend a summer camp of six weeks' duration upon completion of MS 32. Camp training is essentially on the individual and small-unit level, with a student receiving experience in the performance of tactical, technical, and administrative duties in the field. Intensive training will be conducted with emphasis on the development of leadership. Camp is conducted at and supported by a major military installation. Exact location will be announced.

\*41. *Second Year Advanced Course* (70 hours). Offered every Fall.

*Operations*: Command and staff organization, military intelligence, combat orders, and training management (15 hours). *Logistics*: Fundamentals of army supply and movement of units (15 hours). *Military Law*: The fundamental concepts of military justice in the Armed Forces of the United States, as provided for in the *Uniform Code of Military Justice* (15 hours). *The Role of the United States in World Affairs*: The role of the United States in world affairs, and an orientation in the relative geographic, economic, military, political, and sociological elements of power in the world (10 hours). *Leadership Laboratory*: As listed for *Courses 11-12* with further development of leadership potential by requiring the cadet officers to plan and conduct drills and ceremonies (15 hours).

Prerequisite: *Military Science 32*.

\*42. *Continuation of Course 41* (80 hours). Offered every Spring.

*Army Administration*: Basic concepts of Army administration (15 hours). *Service Orientation*: Service life for future officers (5 hours). *Academic Subject*: Elective subject will be chosen for the second Semester of the Senior year as provided for in *Course 31* (45 hours). *Leadership Laboratory*: As listed for *Course 41* (15 hours).

Prerequisite: *Military Science 41*.

## Music

PROFESSOR BECKWITH, *Chairman*; ASSISTANT PROFESSOR SCHWARTZ;  
VISITING LECTURER MR. ARNELL; AND MR. ROTH LISBERGER

REQUIREMENTS FOR THE MAJOR IN MUSIC: The required courses are *Music* 11-12, 13-14, 15-16, 21-22, and either 23-24, 25-26, or 51, 52. Any student who is interested in majoring in Music should take *Music* 11-12 during the Sophomore year if possible. In addition, all majors are urged to take *History* 1-2 and *Philosophy* 38.

For a statement of the rules governing the major course, the choice of a minor, and the requirements for honors, see pages 86-89.

\*1-2. *Introduction to Music*. Offered every year. MR. ROTH LISBERGER.

This course is devised for students with little or no previous training in music, and the ability to read music or play an instrument is not necessary. The elements of music—such as melody, rhythm, and tone-color—are each studied individually and in the context of musical forms. Listening materials for *Music* 1 will be drawn from a variety of sources: early Western music, the Western literature from the Baroque through Romantic eras, contemporary music, and music of certain non-Western cultures.

In *Music* 2 a limited number of works will be studied in greater detail, and discussed in the terms presented in *Music* 1.

3. *Opera*. Fall 1967. MR. BECKWITH.

A survey course in the history of opera from about 1600 to about 1950.

Prerequisite: *Music* 1-2 or the consent of the instructor.

4. *Symphony*. Spring 1968. MR. SCHWARTZ.

A survey course in the history of the symphony, primarily during the Classical and Romantic periods.

Prerequisite: *Music* 1-2 or the consent of the instructor.

5. *Chamber Music*. Fall 1968. MR. BECKWITH.

A survey course in the history of chamber music, primarily during the Baroque, Classical, and Romantic periods.

Prerequisite: *Music* 1-2 or the consent of the instructor.

6. *Contemporary Music*. Spring 1969. MR. SCHWARTZ.

A survey course in contemporary music, primarily from the

end of Impressionism to the present, including recent experiments in serial, aleatory, and electronic techniques.

Prerequisite: *Music* 1-2 or the consent of the instructor.

- \*11-12. *Materials of Music* I. Offered every year. MR. ARNELL.

Elementary harmony, counterpoint, ear training, and analysis.

- \*13-14. *Materials of Music* II. Offered every year. MR. ARNELL.

Intermediate harmony, counterpoint, ear training, and analysis. Strict composition.

Prerequisite: *Music* 11-12 or the consent of the instructor.

- \*15-16. *Materials of Music* III. Offered every year. MESSRS. BECKWITH AND SCHWARTZ.

Advanced harmony, counterpoint, ear training, and analysis. Strict composition continued.

Prerequisite: *Music* 13-14 or the consent of the instructor.

- \*21-22. *History of Music*. Offered every year. MR. ARNELL.

A concentrated course in the history of music, intended primarily for majors in Music, but open to other qualified students. The ability to read music is required.

Prerequisite: *Music* 11-12 or the consent of the instructor.

- \*23-24. *Seminar in Music History*. Fall and Spring 1967-1968 and 1969-1970. MR. ROTH LISBERGER.

Advanced and detailed study of chosen masterworks of music. Problems in musicology.

Prerequisite: *Music* 21-22 or the consent of the instructor.

- \*25-26. *Orchestration and Free Composition*. Fall and Spring 1968-1969 and 1970-1971. MR. SCHWARTZ.

Prerequisite: *Music* 11-12 or the consent of the instructor.

- 51, 52. *Applied Music*. Offered every year.

A study of the technique and literature for a chosen instrument. One course credit will be granted for one year's work. Credit will be granted only upon completion of two consecutive Semesters of study. One hour of private instruction per week (15 hours per Semester) and weekly ensemble classes. The student is expected to spend at least one hour a day working on his chosen instrument, apart from additional research and ensemble classes. The student will be expected to perform publicly or before the Department at the end of each Semester.



The course is intended to permit a student to continue study on an instrument in which he has already demonstrated proficiency. No more than two course credits may be applied for graduation credit.

Instruction will be available for the following: violin, viola, cello, flute, oboe, clarinet, bassoon, French horn, piano, organ, and voice. Fee for a course: \$150 for the year 1967-68.

Prerequisite: Consent of the Department.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course will consist of a series of seminars or conferences meeting on regularly scheduled major meeting nights during the last four Semesters. These meetings are planned to supplement the work done in courses. Oral and written reports on assigned topics will be required.

201, 202. *Independent Study*. THE DEPARTMENT.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Philosophy

PROFESSOR POLS, *Chairman*; PROFESSOR MCGEE; VISITING PROFESSOR GREENE; AND ASSISTANT PROFESSOR FREEMAN

REQUIREMENTS FOR THE MAJOR IN PHILOSOPHY: A major consists of six units approved by the Department. For a statement of the rules governing the major course, the choice of a minor, and the requirements for honors, see pages 86-89.

\*11-12. *Introduction to Philosophy*. Offered every year. Fall 1967. MR. POLS. Spring 1968. MESSRS. GREENE AND FREEMAN.

An introduction to philosophy by means of an elementary consideration of its principal problems, as: the nature and methods of philosophy; sources and criteria for valid knowledge; rival conceptions of causation, of physical and organic nature, and of ultimate reality; the nature of mind, soul, and self; the status of ethical and religious values; and the question of the validity of metaphysical reasoning—or reasoning about ultimate reality. Readings in various philosophers, classical, modern, and contemporary.

21. *History of Ancient and Medieval Philosophy*. Offered every Fall. Fall 1967. MR. FREEMAN.

A study of the prototypes of European thought in ancient philosophy and a survey of medieval philosophy. Readings in the pre-Socratics, Plato, Aristotle, the Stoics, the Epicureans, and selected medieval philosophers. Supplementary reading in a history of philosophy.

Open without prerequisite to Juniors and Seniors. Prerequisite for Sophomores: *Philosophy* 11-12 or the consent of the instructor. Not open to Freshmen.

22. *History of Modern Philosophy*. Offered every Spring. Spring 1968. MR. POLS.

Western philosophy from the Renaissance to the present. Some attention will be given to the development of the modern scientific attitude and to its interplay with philosophy. Readings in Descartes, Spinoza, Hobbes, Leibniz, Berkeley, Hume, and Kant. Supplementary reading in a history of philosophy.

Prerequisite: *Philosophy* 21 or the consent of the instructor.

31. *The Background of Contemporary Philosophy*. Fall 1968 and Fall 1970. MR. MCGEE.

A study of tendencies in the nineteenth century that have had an important influence on contemporary philosophy: the situation of philosophy after Kant, Hegelian idealism and the dialectic method, dialectical materialism, utilitarianism, the origins of positivism and of existentialism.

Prerequisite: *Philosophy* 11-12 or 21, 22.

32. *Contemporary Philosophy*. Spring 1969. MR. POLS.

A study of contemporary philosophy, with particular reference to the dispute about the nature and role of philosophy itself. The analytic movement, which in its various phases (logical atomism, logical positivism, linguistic analysis) advocates the confinement of philosophy to a second-order activity concerned with the analysis of science and everyday knowledge, will be contrasted with movements such as phenomenology, existentialism, and the revival of speculative metaphysics, which claim for philosophy a first-order concern with reality and man's relation to it. Readings in Russell, Ayer, Wittgenstein, Ryle, Husserl, Sartre, Jaspers, Heidegger, Whitehead.

Prerequisite: *Philosophy* 11-12 or 21, 22.

33. *Metaphysics*. Spring 1968. MR. POLS.

The problem of the limits of knowledge is examined with a

view to determining the proper scope of metaphysical theories. Certain persistent metaphysical issues are then considered in a contemporary setting.

Prerequisite: *Philosophy* 11-12 or 21, 22.

34. *Ethics*. Spring 1969 and Spring 1971. MR. MCGEE.

A study of the main types of ethical theory, based on the reading of historical and contemporary sources; and a critical inquiry into the problems of personal and social ethics.

Prerequisite: *Philosophy* 11-12 or 21, 22.

35. *Logic*. Fall 1967 and Fall 1969. MR. FREEMAN.

A systematic treatment of the principles of valid inference. After a consideration of the traditional approach, including the syllogism, modern techniques for representing arguments and logical truths are presented. A survey of the structure of deductive systems and their use in science is then made.

38. *Philosophy of Art*. Spring 1969 and Spring 1971. MR. POLS.

An introduction to esthetics or the philosophy of art. Representative theories of art are discussed and used as the basis for the development of a general theory that takes account of the expressive, cognitive, and productive or creative elements in art. This theory is then applied in detail to painting, poetry, and music; in this part of the course there will be considerable study of actual works of art. Readings in classical and contemporary theories of art.

Prerequisite: *Philosophy* 11-12, or 21, 22, or the consent of the instructor.

39. *Major Philosophers*. Fall 1967. MR. GREENE.

An intensive study of the writings of Kant.

Prerequisite: *Philosophy* 11-12 or 21, 22.

40. *Theory of Knowledge*. Spring 1968 and Spring 1970. MR. FREEMAN.

An examination of some of the principal problems in and about epistemology, as the nature of meaning and truth; the nature of inference (especially inductive inference) and problem solving; a priori knowledge; and the limits of science.

Prerequisite: *Philosophy* 11-12 or 21, 22.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course will consist of at least four seminars in



each of the last four Semesters. The readings upon which the discussions are based are chosen to permit the use of two approaches used alternately: (1) Detailed concentration on some outstanding work exemplifying a particular philosophic outlook; (2) Synoptic review of some central and recurrent philosophic problems. A paper will be required in each of the four Semesters of the major course.

201, 202. *Independent Study*. THE DEPARTMENT.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Physical Education

MR. STUCKEY, *Chairman*; AND MESSRS. MACFAYDEN, SABASTEANSKI, COOMBS, LINKOVICH, WATSON, KOSTACOPOULOS, BUTT, AND BICKNELL

### *Physical Education.*

Each student is required to attend classes in physical education three days each week during his first four Semesters in college or to participate in a supervised sports program. Some credit will be given for participation in ROTC drills.

For the purposes of required physical education the college year is divided into four prescribed periods—Fall, Winter I, Winter II, and Spring. Each Freshman receives instruction in a sport with “lifetime” value during each period, learning skills that should give him an interest in physical activity in later life. He also receives coaching in four team sports from which he should learn something of the value of team play and competitive sportsmanship. Sophomores follow somewhat the same required program except that they are allowed to elect from the activities offered those in which they wish to become really proficient.

All Freshmen are given a swimming test during the first week of college. Those who cannot swim are required to enter a swimming class. Sufficient competence in swimming to satisfy the minimum tests formulated by the Department is required.

• See pages 194-195 for a description of the athletic facilities and sports program of the College.

# Physics and Astronomy

PROFESSOR JEPPESEN, *Chairman*; ASSOCIATE PROFESSOR LACASCE;  
AND ASSISTANT PROFESSORS WALKLING, TURNER, AND HUGHES

REQUIREMENTS FOR THE MAJOR IN PHYSICS: No rigid requirements are set beyond the minimum of six semester courses above the introductory level, including the two extra courses in lieu of a major examination. Thus the total number of college courses required for graduation is thirty-six. Major students are expected to complete at least four semester college courses in Mathematics. A major student who intends to do graduate work in Physics should carry his studies beyond the minimum. In particular, he should take *Physics* 41 and *Mathematics* 31 and 34. A major student who intends to teach at the secondary level, or who intends to do graduate work in a field such as Biophysics, Geophysics, or Astronomy, should consult with the Department as early as possible to plan a suitable program.

## Physics

11. *General Physics*. Offered every Fall. MR. LACASCE.

An introductory course which aims at an appreciation of the progress toward an understanding of the basic physical nature of the universe. The concepts of space, time, and energy as viewed by Newton and Einstein are examined and related to the motion of particles.

Prerequisite: Concurrent registration or previous credit in *Mathematics* 11.

12. *Continuation of Course* 11. Offered every Spring. MR. LACASCE.

The nature of fields is illustrated by the theory of electricity and magnetism. The study of particles includes the quantization of radiation and the search for the ultimate constituents of matter. Laboratory: Tuesday, Wednesday, or Thursday at 1:30 P.M.

Prerequisite: *Physics* 11 or its equivalent.

*Starting in the Fall 1970, Physics 11-12 will not be open to Seniors.*

21. *Atomic Physics*. Offered every Fall. MR. WALKLING.

A study of the atom, the nucleus, and the elementary particles, including a brief introduction to quantum mechanics, presented in a historical context.

Prerequisite: A college course in Physics.

22. *Intermediate Mechanics*. Offered every Spring. MR. WALKLING.  
Classical mechanics at an intermediate mathematical level, with emphasis on motions of a particle and systems of particles. Special attention is paid to the principles of energy and momentum, the simple harmonic oscillator, orbital motion, and the mechanics of collisions. If time permits, the motion of rigid bodies, rotating coordinate systems, and an introduction to the methods of Lagrange will be included.  
Prerequisites: *Mathematics 21*, concurrent registration in *Mathematics 22*, and a previous course in college Physics.
23. *Electrical Circuits*. Offered every Fall. MR. TURNER.  
Elements of circuit analysis, vacuum tube devices, fundamentals of electronic instrumentation and measurement. A basic laboratory course for experimental scientists.  
Prerequisite: A college course in Physics.
24. *Physical Electronics*. Offered every Spring. MR. TURNER.  
Physical principles of semiconductor devices with applications. Laboratory.  
Prerequisite: *Physics 23* or the consent of the instructor.
32. *Electromagnetic Theory*. Offered every Spring. MR. LACASCE.  
First the Maxwell relations are presented as a natural extension of basic experimental laws, then emphasis is given to the radiation and transmission of electromagnetic waves.  
Prerequisites: Differential and integral calculus and a previous course in Physics.
33. *Optics*. Offered every Fall. MR. JEPPESEN.  
Geometrical optics and instruments. Electromagnetic theory of physical optics, interference, diffraction, and polarization. Quantum theory of radiation applied to atoms, molecules, and nuclei. Lectures and three hours of laboratory work each week.  
Prerequisites: Differential and integral calculus and a previous course in Physics.
34. *Continuation of Course 33*. Offered every Spring. MR. JEPPESEN.  
Prerequisite: *Physics 33*.
35. *Physical Thermodynamics*. Fall 1967. MR. WALKLING.  
A nonlaboratory course in the principles of thermodynamics, kinetic theory, and statistical mechanics, with application to problems of interest to the physicist.



Prerequisites: Differential and integral calculus and a previous course in Physics.

37. *Advanced Mechanics*. Fall 1968. MR. WALKLING.

This course is essentially a continuation of *Course 22*. The topics will include the mechanics of continuous media, variational principles, and the methods of Lagrange and Hamilton, in addition to any topics listed but not covered in *Course 22*. Other topics may be suggested by the students.

Prerequisites: *Physics 22* and previous or concurrent registration in *Mathematics 31*.

41. *Quantum Mechanics*. Offered every Fall. MR. TURNER.

An introduction to quantum theory. The Schrodinger equation, potential well, barrier, and central field problems. The physical interpretation of wave mechanics.

Prerequisite: *Mathematics 31* or the consent of the instructor.

*Independent Study*

201, 202. *Independent Study*. THE DEPARTMENT.

If the investigations concern the teaching of physics, this course satisfies certain of the requirements for the Maine State Teachers' Certificate.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

*Astronomy*

1. *The Solar System*. Offered every Fall. MR. HUGHES.

2. *Stars and Stellar Systems*. Offered every Spring. MR. HUGHES.

These courses, which are independent of each other, are qualitative, nonmathematical surveys of our present knowledge of astronomy. In the first course, topics such as the nature and origin of the moon, the earth as a planet, and the nature of the planets will be discussed. Recent results from satellite research will be included in these discussions. In the second course, topics to be discussed will include solar effects on the earth, the sun as a star, the nature of the stars, and galaxies.

Open to all students.

## Psychology

ASSOCIATE PROFESSOR FUCHS, *Chairman*; AND ASSISTANT PROFESSORS PERLMUTER, KAWASH, AND LIVELY

REQUIREMENTS FOR THE MAJOR IN PSYCHOLOGY: A major comprises *Psychology* 1-2, 11, 13, 14, and one additional unit to be chosen from the following: *Psychology* 21, 22, 23, 24, and 26. For a statement of the rules governing the major course, the choice of a minor, and the requirements for honors, see pages 86-89.

Students considering a major in Psychology should elect *Psychology* 1-2 in their Sophomore year. This course is intended for those students interested in the scientific foundations of psychology; students interested primarily in topics such as personality and social psychology should enroll in *Psychology* 4.

Students who are interested in teaching, but whose main interest is not in psychology, may find *Psychology* 4, 11, and 22 the most appropriate combination of courses related to their teaching interest.

\*1-2. *General Psychology*. Offered every year. THE DEPARTMENT.

This course examines basic psychological principles and theories under the general topics of learning, motivation, perception, testing and measurement of intelligence and personality, and the methods of scientific investigation in psychology, with emphasis on the biological and physiological bases of behavior. There will be three lectures and a laboratory-discussion section of up to two hours per week.

4. *Introduction to Human Behavior*. Offered every Spring. MR. KAWASH.

This course is concerned with the person and the methods of identifying and measuring such characteristics as personality and intelligence, including the special problems of abnormal psychology and mental retardation. Attention will be given to the concepts of learning, motivation, and perception as they relate to the main topics. Thus, this course is intended to serve as an introduction to psychology as the science of individual differences. This course is not required of majors, carries no credit toward a major in Psychology, and is not open to those with credit for *Psychology* 1-2.

Open to Freshmen with the consent of the instructor.

11. *Measurement and Statistical Method in Psychology*. Offered every Fall. MR. KAWASH.

An introduction to psychological measurement and applications of statistics to research in psychology. Required of majors in the Junior year.

Prerequisite: *Psychology* 1-2 or 4, or the consent of the instructor.

13. *Experimental Psychology: Perception*. Offered every Fall. MR. LIVELY.

Laboratory investigation and analysis of sensory and perceptual processes in human behavior. Required of majors during the Junior year; open to a limited number of non-majors who have done superior work in *Psychology* 1-2.

Prerequisite: *Psychology* 1-2.

14. *Experimental Psychology: Learning*. Offered every Spring. MR. PERLMUTER.

Laboratory investigation of learning, with experiments on both human and animal subjects. Required of majors during the Junior year.

Prerequisite: *Psychology* 13 or the consent of the instructor.

21. *Psychology of Motivation*. Offered every Fall. MR. PERLMUTER.

A study of the current experimental and theoretical approaches to motivation. Topics to be discussed include instinctive behavior, primary and secondary drives, analysis of reinforcers, learning theory, and human motivation.

Prerequisite: *Psychology* 1-2 or the consent of the instructor.

22. *Theories of Learning*. Spring 1968. MR. LIVELY.

This course is devoted to the study of research data, primarily in human learning, and the fundamental principles of the learning process. The major theories of learning developed by contemporary psychologists will be surveyed.

Prerequisite: *Psychology* 1-2 or 4.

23. *Systematic Psychology*. Offered every Fall. MR. FUCHS.

The historical and theoretical backgrounds of modern psychology, with special attention to the chief systems of psychology, including Behaviorism, Gestalt Theory, and Psychoanalysis.

Prerequisite: *Psychology* 1-2 or the consent of the instructor.

24. *Contemporary Theory in Psychology*. Spring 1969.

An analysis of problems faced by theorists in psychology,



with a thorough review of current theorizing in one of the following areas: motivation, cognitive processes, perception, personality. The course will be conducted in seminar fashion.

Prerequisites: *Psychology* 13 or 14, and the consent of the instructor.

26. *Problems in Psychology*. Offered every Spring. MR. KAWASH.

This course consists of intensive reading and analysis in areas of psychology not extensively treated by the core program. Some of these areas are: developmental, physiological, child, social, comparative, test and measurement. Students will meet with the instructor regularly on an individual and group basis.

Prerequisites: *Psychology* 13 or 14, and the consent of the instructor.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

This program will include at least four seminars in each of the last four Semesters. These seminars are designed to coordinate and supplement the other course work in Psychology. Each student is required to present oral and/or written reports on a special topic in Psychology during the Junior year and to complete a special research project during the Senior year.

- 201, 202. *Independent Study*. THE DEPARTMENT.

- 301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Religion

PROFESSOR GEOGHEGAN, *Chairman*; AND ASSISTANT PROFESSOR BROWN

11. *History of Religions I*. Fall 1967 and Fall 1968. MR. GEOGHEGAN.

A comparative study and historical survey of the major living religions of Far Eastern origin: Taoism, Confucianism, Hinduism, and Buddhism. Consideration will also be given to some primitive, archaic, and smaller religions as well as to a general comparison with Western religion. Lectures, conferences, and readings in basic scriptures and modern interpretations.

Open to all students.

12. *History of Religions II*. Spring 1968 and Spring 1969. MR. GEOGHEGAN.

A comparative study and historical survey of major religious traditions of Near Eastern origin, Judaism, Christianity (particularly Catholicism and Protestantism), and Islam. Consideration will also be given to a general comparison with religion of non-Western origin. Lectures, conferences, and readings in basic scriptures and modern interpretations of the traditions.

Open to all students.

13. *History of Religions III. Religion in America.* Fall 1967. MR. BROWN.

A study of the development of American religions from the period of colonization to the present. The study will emphasize both the interrelation of religion and culture and the internal development of religious institutions. Topics considered will include American theology, revivalism, the impact of immigration, the social gospel, American religious sects, and religious pluralism.

This is a reading-seminar course open to all students. Examinations will be replaced by short biweekly papers and one research paper. The class will meet at arranged periods to discuss extensive reading selected from a comprehensive syllabus.

- [21. *Biblical Literature I: The Hebrew Scriptures.*]

A critical and historical examination of ancient Hebrew literature in its religious context, especially in its bearing upon the origins of Hebrew religion and of Judaism to the Rabbinic era. Lectures, conferences, and readings primarily in the texts.

Open to Sophomores and upperclassmen, and to Freshmen upon consultation with the instructor.

22. *Biblical Literature II: The Literature of the Early Christian Church.* Spring 1968. MR. BROWN.

A historical and critical examination of earliest Christian literature, with particular reference to the religious community from which it arose. Lectures, conferences, and readings primarily in the texts.

Open to Sophomores and upperclassmen, and to Freshmen upon consultation with the instructor.

31. *Religious Thought I: Ancient and Medieval Western Religious Thought.* Fall 1967 and Fall 1968. MR. GEOGHEGAN.

A study of the philosophy of religion and of theology—especially the central questions of the nature and existence of

God, the nature and destiny of man, faith and reason, the problem of evil—by means of a critical examination of the development of Western religious thought from its beginnings through the Middle Ages, with special attention to a contemporary restatement of the tradition and to the presuppositions, methods, conclusions, and influence of the thought of Augustine and Aquinas. Lectures, conferences, and readings in basic writings and contemporary interpretations.

Open to Sophomores and upperclassmen, and to Freshmen upon consultation with the instructor.

32. *Religious Thought II: Modern and Contemporary Religious Thought*. Spring 1968 and Spring 1969. MR. GEOGHEGAN.

A study of the philosophy of religion and of theology—especially the central questions of the nature and existence of God, the nature and destiny of man, faith and reason, the problem of evil—by means of a critical examination of the development of Western religious thought from the early modern period to the present, with special attention to representative movements and thinkers, such as Reformation theologians (Luther and Calvin), the criticism of traditional theology (Hume and Kant), the rise of religious existentialism (Kierkegaard), and philosophical theology (Tillich). Lectures, conferences, and readings in basic writings and contemporary interpretations.

Open to Sophomores and upperclassmen, and to Freshmen upon consultation with the instructor.

## Romance Languages

PROFESSOR LEITH; PROFESSOR GEARY, *Chairman*; ASSOCIATE PROFESSOR KAMBER; ASSISTANT PROFESSORS NUNN, THOMPSON, AND BASCELLI; AND TEACHING FELLOWS BEST, ROUSSET, AND TURPIN

REQUIREMENTS FOR THE MAJOR IN FRENCH: A major consists of *French* 101 (the major course), *French* 5, 6, and six semester courses to be chosen from *French* 11, 12, 13, 14, 15, 16, 17, and 18. With the consent of the Department, not more than two of these six courses may be replaced by courses of independent study (*French* 201, 202, 301-304). Prospective majors are expected to have completed *French* 9, 10, the prerequisite for advanced literature courses, by the end of the Sophomore year. Majors who plan to attend graduate school or to teach are urged to take *French* 7, 8.



For a statement of the rules governing the major course, the choice of a minor, and the requirements for honors, see pages 86-89.

*French*

- \*1-2. *Elementary French*. Offered every year. MR. KAMBER.

Five class hours a week, three of which are devoted to oral practice, reading, and linguistic analysis. The two remaining periods, devoted to additional oral practice in small groups, are conducted in French by the native teaching fellows, MESSRS. ROUSSET AND TURPIN.

3. *Intermediate French I*. Offered every Fall. MR. NUNN.

Four class hours a week, three of which are devoted to a review of fundamentals, with emphasis on the improvement of speech habits and accurate comprehension of spoken and written French. The remaining period, devoted to additional oral practice in small groups, is conducted exclusively in French by the native teaching fellows, MESSRS. ROUSSET AND TURPIN.

Prerequisite: *French 2* or appropriate score on a placement test set by the Department at the beginning of the Fall Semester.

4. *Intermediate French II*. Offered every Semester. MR. BASCELLI.

Four class hours a week, conducted largely in French: two are devoted to intensive study of selected literary texts, with additional texts assigned for extensive reading outside of class; the third, to practice in writing; and the fourth, to oral practice in small groups under the supervision of the native teaching fellows, MESSRS. ROUSSET AND TURPIN.

Prerequisite: *French 3* or appropriate score on a placement test set by the Department at the beginning of the Fall Semester.

*In French 1-2, 3, and 4, there are regular assignments which are to be prepared in the language laboratory under the supervision of a teaching fellow.*

5. *Third-Year French I*. Offered every Semester. Fall 1967. MR. GEARY. Spring 1968. MR. BASCELLI.

This course is intended to develop fluency in the use of spoken and written French and in the reading of narrative and expository prose. Analysis of texts, brief oral and written reports, and readings about recent French history and contemporary culture. Conducted in French.

Prerequisite: *French 4* or appropriate score on a placement test set by the Department at the beginning of the Fall Semester.

6. *Third-Year French II*. Offered every Semester. Fall 1967. MR. BASCELLI. Spring 1968. MR. GEARY.

A continuation of *French 5*, this course is intended to increase the range of expression in speech and writing. The readings deal with major historical periods or figures. Conducted in French.

Prerequisite: *French 5* or appropriate score on a placement test set by the Department at the beginning of the Fall Semester.

7. *Advanced French Composition I*. Offered every Fall. MR. NUNN.

This course is intended to provide advanced training in the writing of French compositions on a wide variety of topics and in the analysis of French style. Some attention will be paid to comparative stylistics and to the evolution of the French language. Conducted in French.

Prerequisite: *French 6* or the consent of the instructor.

8. *Advanced French Composition II*. Offered every Spring. MR. NUNN.

This course is a continuation of *French 7*, which is its prerequisite.

9. *Introduction to French Literature I*. Offered every Semester. MESSRS. LEITH, NUNN, AND BASCELLI.

This course involves close reading of selected prose passages and poetry, along with extensive reading and discussion of outstanding works from the major genres. Beginning with the *Chanson de Roland* and a *roman courtois* (both in a modern French version), the following works are studied: selected poems of Villon, the *Pléiade*, and *La Fontaine*; plays by Corneille, Racine, and Molière; selections tracing the evolution of French thought (Rabelais, Montaigne, Descartes, Pascal, and Montesquieu); a *conte* by Voltaire, and Rousseau's *Rêveries du promeneur solitaire*. One section of the course is conducted in French. All prospective majors are urged to enroll in it.

Prerequisite: *French 4* or appropriate score on a placement test set by the Department at the beginning of the Fall Semester.

10. *Introduction to French Literature II*. Offered every Semester. MESSRS. LEITH, NUNN, AND BASCELLI.

This course is a continuation of *French 9*. The following works are studied: selected poems of Chénier and other major poets from the Romantic period to the present; representative novels of Diderot, Chateaubriand, Balzac, Flaubert, Proust, Gide, and Camus; Romantic and modern drama, including plays of Musset, Sartre, Ionesco, and Beckett. One section is conducted in French.

Prerequisite: *French 9* or the consent of the Department.

11. *French Thought and Culture I*. Offered every other year. Fall 1967. MR. GEARY.

A study of the evolution of moral, philosophical, aesthetic, and literary doctrines from the medieval period through the Enlightenment, with consideration of the relevant social and cultural contexts. Selected writings of Montaigne, Descartes, Pascal, Boileau, Montesquieu, Voltaire, Diderot, and Rousseau. Conducted in French.

Prerequisite: *French 9, 10*, or the consent of the instructor.

12. *French Thought and Culture II*. Offered every other year. Spring 1968. MR. GEARY.

A continuation of *French 11*, with emphasis on the Romantic and Decadent movements, Positivism, Bergsonian philosophy, Surrealism, and Existentialism. Selected writings of Hugo, Baudelaire, Gautier, Nerval, Conte, Taine, Renan, Bergson, Breton, and Sartre. Conducted in French.

Prerequisite: *French 9, 10*, or the consent of the instructor.

13. *French Poetry I*. Offered every other year. Fall 1968. MR. NUNN.

Critical study of poetic practice and close analysis of epic, lyric, and didactic poetry from the medieval period through the Romantic movement, with special emphasis on Villon, the Pléiade, the Baroque poets, Boileau, La Fontaine, Chénier, Lamartine, Vigny, Musset, and Hugo. Conducted in French.

Prerequisite: *French 9, 10*, or the consent of the instructor.

14. *French Poetry II*. Offered every other year. Spring 1969. MR. BASCELLI.

A continuation of *French 13*, from the middle of the nineteenth century to the present, including Baudelaire, Nerval, Mallarmé, Rimbaud, Verlaine, Laforgue, Valéry, Claudel,



Péguy, Apollinaire, Saint-John Perse, and Eluard. Conducted in French.

Prerequisite: *French* 9, 10, or the consent of the instructor.

15. *French Drama I*. Offered every other year. Fall 1968. MR. LEITH.

A critical study of dramatic theory and practice from the medieval period to the end of the eighteenth century. Medieval farce and religious drama; development of tragi-comedy, tragedy, and comedy; the *drame bourgeois*. Selected plays by Rotrou, Corneille, Racine, Molière, Voltaire, Lesage, Marivaux, Beaumarchais, and Sedaine.

Prerequisite: *French* 9, 10, or the consent of the instructor.

16. *French Drama II*. Offered every other year. Spring 1969. MR. KAMBER.

A continuation of *French* 15, from Romantic to modern drama. Selected plays by Hugo, Vigny, Dumas  *fils*, Becque, Feydeau, Claudel, Jarry, Giraudoux, Cocteau, Montherlant, Anouilh, Camus, Audiberti, and Genêt. Conducted in French.

Prerequisite: *French* 9, 10, or the consent of the instructor.

17. *The French Novel I*. Offered every other year. Fall 1967. MR. KAMBER.

A study of the development of the genre from the medieval *roman* through the Romantic period, with emphasis on the novels of Mme. de La Fayette, Lesage, Marivaux, Prévost, Diderot, Rousseau, Bernardin de Saint-Pierre, Choderlos de Laclos, Constant, and Stendhal. Conducted in French.

Prerequisite: *French* 9, 10, or the consent of the instructor.

18. *The French Novel II*. Offered every other year. Spring 1968. MR. BASCELLI.

A continuation of *French* 17, from Realism to the *nouveau roman*, with emphasis on the novels of Balzac, Flaubert, Zola, Maupassant, Huysmans, Gide, Proust, Malraux, Camus, Sartre, and Robbe-Grillet. Conducted in French.

Prerequisite: *French* 9, 10, or the consent of the instructor.

### Italian

- \*1-2. *Elementary Italian*. Fall and Spring 1967-1968. MR. KAMBER.

Training in grammar and pronunciation. Oral practice. Reading of texts of modern Italian authors.

- \*3-4. *Readings in Italian Literature*. Fall and Spring 1968-1969. MR. KAMBER.

This course is conducted largely in Italian and is designed to familiarize the student with seminal works of Italian literature as well as with current techniques of literary analysis. Literary texts of recognized merit and importance will be subjected to intensive analysis. In addition, the student will do rather extensive outside reading which he will then report on in regularly assigned papers to be written in Italian.

Prerequisite: *Italian* 1-2.

### *Spanish*

- \*1-2. *Elementary Spanish*. Offered every year. MR. THOMPSON.

Five class hours a week, three of which are devoted to oral practice, reading, and linguistic analysis. The two remaining periods, devoted to additional oral practice in small groups, are conducted in Spanish by the native teaching fellow, Mr. BEST.

- \*3-4. *Intermediate Spanish*. Offered every year. MR. THOMPSON.

Four class hours a week: in the Fall, three hours a week are devoted to a review of fundamentals, with emphasis on the improvement of speech habits and accurate comprehension of spoken and written Spanish; in the Spring, there is progressively greater emphasis on the intensive study of selected literary texts, extensive reading outside of class, and practice in writing. The fourth class hour is devoted to oral practice, in small groups, under the supervision of the native teaching fellow, MR. BEST.

Prerequisite: *Spanish* 1-2 or appropriate score on a placement test set by the Department at the beginning of the Fall Semester.

- 5, 6. *Readings in Spanish and Hispanic-American Literature*. Offered every year. MR. THOMPSON.

This course is designed to acquaint the student with some of the works of the leading authors and develop an ability to read Spanish accurately and fluently. Some works are explained and discussed in the classroom, others are assigned for outside reading.

Prerequisite: *Spanish* 3-4 or appropriate score on a placement test set by the Department at the beginning of the Fall Semester.

- 7, 8. *Spoken and Written Spanish*. Fall and Spring 1968-1969. MR. THOMPSON.

This course is designed to develop greater fluency and to increase the range of expression in both speech and writing. Conducted in Spanish.

Prerequisite: *Spanish* 3-4 or appropriate score on a placement test set by the Department at the beginning of the Fall Semester.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course consists of at least six meetings with an assigned tutor during each of the last four Semesters. These meetings are planned to supplement the work done in the genre courses. Written work, in French, is required in the major course.

- 201, 202. *Independent Study*. THE DEPARTMENT.

- 301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Russian

ASSISTANT PROFESSOR RUBIN, *Chairman*

- \*1-2. *Elementary Russian*. Offered every year.

Emphasis will be on the acquisition of language skills through imitation and repetition of basic language patterns. The primary concern will thus be the development of facility in speaking and understanding simple Russian.

- \*3-4. *Intermediate Russian*. Offered every year.

A continuation of *Russian* 1-2. Concentration will be on maintaining and improving the student's facility in speaking and understanding normal conversational Russian. Most of this course is conducted in Russian.

Prerequisite: *Russian* 1-2.

- \*5-6. *Advanced Russian*. Offered every year.

This course aims to develop the ability to read Russian fluently by combining selected readings in Russian literature with a systematic analysis of Russian word-formation. Discussion, written reports, and explanation of texts exclusively in Russian.

Prerequisite: *Russian* 3-4.



- 7, 8. *Special Topics in Russian*. Offered every year.

The aim of this course is to enable the student to utilize his knowledge of Russian as a research tool in the investigation of a particular topic. The choice of topics will depend on the interests of the students. Reports and discussions exclusively in Russian.

Prerequisite: *Russian* 5-6.

## Sociology

PROFESSOR TAYLOR, *Chairman*; ASSISTANT PROFESSOR MINISTER;  
AND MR. MALEC

REQUIREMENTS FOR THE MAJOR IN SOCIOLOGY: A major consists of *Sociology* 1-2, 9, 11, and two more units selected from among *Sociology* 5, 6, 7, 8, 10, 12, 13, and 14. For a statement of the rules governing the major course, the choice of a minor, and the requirements for honors, see pages 86-89.

- \*1-2. *Introduction to Sociology*. Offered every year. THE DEPARTMENT.

A study of human groups and social relationships, ranging from families, cliques, and fraternities to industries, social classes, and entire societies. General principles governing human groups will be emphasized, together with their application to such topics as changes in the family, urbanization, and the impact of bureaucratization and mass communication.

5. *Social Control*. Fall 1968. MR. TAYLOR.

A study of the control of attitudes and behavior through such means as propaganda and censorship, reward and punishment, education and indoctrination. Special emphasis will be placed on mass communications.

Prerequisite: *Sociology* 1-2.

6. *The Urban Community*. Fall 1967. MR. MINISTER.

A study of the structure and functioning of the urban community in different cultural contexts and at various periods in history. Special emphasis will be given to the position of the urban community within the larger society and the social and cultural changes it undergoes within these larger entities. This broad historical and cultural approach will allow a com-

parative analysis of the urban community with regard to its economic activities, social groups, cultural configurations, and the many services and functions it performs in the national community.

Prerequisite: *Sociology* 1-2.

7. *Criminology*. Fall 1967. MR. TAYLOR.

A survey of contemporary thought regarding the causes of crime, the treatment of offenders, and the techniques of crime prevention. Field trips to state institutions will be made.

Prerequisite: *Sociology* 1-2.

8. *Minority Groups*. Spring 1968. MR. TAYLOR.

A descriptive and analytical study of intergroup relations, concentrating on problems of race, discrimination, and prejudice. Although major emphasis is placed on the Negro minority in the United States, other interracial and intercultural contacts will be considered for comparative purposes.

Prerequisite: *Sociology* 1-2 or *Government* 1-2.

9. *Social Theory*. Fall 1967. MR. MINISTER.

A critical consideration of some important theories of social structure and social organization, with special attention to such topics as social class, social mobility, social stratification, bureaucracy, and social values.

Prerequisite: *Sociology* 1-2.

10. *Introduction to Anthropology*. Spring 1968.

11. *Research Methods in Social Behavior*. Fall 1967. MR. MALEC.

A study of the methodological principles and problems in the scientific investigation of human behavior. Topics will include: the relationship of theory and method; experimental, laboratory, and survey designs and techniques; data collection and analysis; and interpretation and presentation of results. A survey of research from various fields in the social sciences will illustrate the various uses and misuses of social research methods. The purpose of the course will be to provide the student with the preparation needed to evaluate and use research results, and to prepare him for independent research activity.

Prerequisite: *Sociology* 1-2.

12. *Organizational Behavior*. Spring 1968. MR. MINISTER.

This course deals with certain basic organizational forms and treats these forms as means of collective problem solving. The objective is the description and analysis of the social and social psychological conditions under which organizations are effective or ineffective in solving these problems. The answer sought is one suitable for application to groups of all types and sizes.

Prerequisite: *Sociology* 1-2 or the consent of the instructor.

13. *Social Stratification*. Spring 1968. MR. MALEC.

A study of the systems of stratification found in various types of communities and societies, with emphasis on the United States. Major topics will include: the "classic" theories of social class (Marx, Pareto, Veblen, Weber); the American studies (Warner, Hollingshead, etc.); functionalist *vs.* conflict approaches; and current research and theory on social class, prestige, power, and social mobility. Emphasis will be placed on the reading and discussion of important theoretical and empirical works.

Prerequisite: *Sociology* 1-2.

14. *Social Psychology*. Spring 1968. MR. MALEC.

Consideration of the major schools of thought in the field. Socialization, self, attitudes, interpersonal influence, structures and processes in small groups. The study of significant current research.

Prerequisite: *Sociology* 1-2 or *Psychology* 1-2.

### *The Major Program*

101. *The Major Course*. Junior and Senior years. THE DEPARTMENT.

The major course will consider special topics selected in accordance with the interests of the major students and is designed to prepare students for the major examination. The work in the major course is divided into two parts as follows.

The Junior year is so arranged as to give the student, through reading and discussion under the guidance of members of the Department, a comprehensive view of the principles of contemporary sociology. In addition, Junior majors will have the opportunity to submit research designs on special topics preparatory to their work in the Senior year.

The Senior year will include, in addition to some further reading preparatory for the major examination, the develop-



ment of an individual research project and the preparation of a report on the results.

201, 202. *Independent Study*. THE DEPARTMENT.

301-304. *Independent Study—The Honors Project*. THE DEPARTMENT.

## Senior Seminars

### *Spring Semester, 1967*

1. Greek Tragedy: Man's Relationship with God. MR. AMBROSE.
2. Impressionism in Painting and Music. MESSRS. BECKWITH AND SADIK.
3. Behavior Modification. MR. FERNALD.
4. The Philosophy of Science. MR. FREEMAN.
5. Existentialism, Secular and Religious. MR. GEOGHEGAN.
6. Biography. MR. GREASON.
7. Some Debated Issues in Contemporary Linguistic Theory. MR. HANNAFORD.
8. The Uses of Literacy. MR. HAZELTON.
9. Crowd, Class, and Political Protest in Modern Britain. MR. HOWELL.
10. Medicine and Nineteenth-Century Science. MR. KAMERLING.
11. The Creative Process in the Visual Arts. MR. LENT.
12. Theater Architecture. MR. QUINBY.
13. Africa: The Politics of Development. MR. RENSENBRINK.
14. Famous Unsolved Problems in Elementary Number Theory. MR. JOHNSON.
15. The Comedies of Molière. MR. LEITH.
16. The Civilization of the Mayas. MR. ROOT.

### *Fall Semester, 1967*

1. Science, Technology, and Society. MESSRS. ABRAHAMSON AND MAYO.
2. Southeast Asia. MR. ARMSTRONG.

3. The Esthetics of Music. MESSRS. BECKWITH AND POLS.
4. The Supreme Court and the "First Freedom." MR. DAGGETT.
5. James Joyce. MR. FRIEND.
6. Approaches to Ethics: Some Basic Moral Issues. MR. GREENE.
7. The Confederate States of America, Fact and Aftermath. MR. HARWELL.
8. Experimental Approach to Natural Science. MR. HOWLAND.
9. Astronomy in the Last Decade. MR. HUGHES.
10. Famous Unsolved Problems in Elementary Number Theory. MR. JOHNSON.
11. Medicine and Nineteenth-Century Science. MR. KAMERLING.
12. Friedrich Nietzsche. MR. KOELLN.
13. The Negro in American History Since Emancipation. MR. LEVINE.
14. The Place of Conditioning in Psychology. MR. PERLMUTER.
15. Modern Architecture and Urban Planning. MR. STODDARD.
16. Issues in Economic Development. MR. STORER.

*Spring Semester, 1968*

17. The Topography of the Greek Ideal. MR. DANE.
18. Memory. MR. FUCHS.
19. Utopian and Other Critiques of Society. MR. GREENE.
20. Berthold Brecht Versus the World. MR. HODGE.
21. Post-Modern Drama. MR. HORNBY.
22. The Underground Novel in Contemporary American Fiction. MR. KAMBER.
23. The Medieval City. MR. NYHUS.
24. Eugene O'Neill. MR. QUINBY.
25. Some Basic Tendencies in Modern German Literature. MR. RILEY.
26. Music in the Age of Zak. MR. SCHWARTZ.
27. Topics in the Theory of Groups. MR. SILBERGER.

# Reserve Officers' Training Corps

RICHARD SHERMAN FLEMING, A.B., *Lieutenant Colonel, Artillery, U.S.A., Professor of Military Science.*

RALPH BARTLETT OSGOOD, JR., B.S., *Lieutenant Colonel, Armor, U.S.A., Assistant Professor of Military Science.*

EDWARD EMIL LANGBEIN, JR., A.B., *Major, Infantry, U.S.A., Assistant Professor of Military Science.*

JOHN MARTIN SUTTON, JR., A.B., *Captain, Artillery, U.S.A., Assistant Professor of Military Science.*

MICHAEL BARRY OSTERHOUDT, B.S., *Captain, Armor, U.S.A., Assistant Professor of Military Science (after November 1, 1967).*

JOSEPH ROGER PHILLIP DALY, *Sergeant Major, U.S.A.*

CLIFFORD B. NASH, *Sergeant First Class, U.S.A.*

TERRY GWEN TAYLOR, *Staff Sergeant E-6, U.S.A.*

GARRY NORMAN BURNELL, *Staff Sergeant E-6, U.S.A.*

The Reserve Officers' Training Corps at Bowdoin offers a voluntary curriculum of Military Science to eligible students. The curriculum consists of theoretical and practical instruction with particular emphasis on leadership development. Classes are presented by the Department of Military Science and by other college departments for credit in Military Science as provided for by the modified program. (Description of courses is contained on pages 134-136.)

The objective of the curriculum offered is to produce junior officers who by their education, training, and inherent qualities are suitable for continued development as reserve officers of the Army of the United States.

The Reserve Officers' Training Corps Unit at Bowdoin is an Army General Military Science Unit. The curriculum includes instruction in subjects common to all branches of the Army, and further provides for a college-taught academic subject to be chosen by the student during the Freshman year and during one Semester in each year of the Advanced Course. Upon successful completion of the program and graduation from college, a student is eligible for appointment as a Second Lieutenant in one of the branches of the United States Army Reserve. The branch assignment of the student is based on his individual choice, background, aptitude,



and the needs of the Army at the time he is commissioned. Selected Advanced-Course students who apply may be offered commissions in the Regular Army. Applications for regular commissions in the United States Marine Corps by interested Advanced-Course students are accepted and referred to the Commandant of Marines for action.

The Senior Division ROTC Program at Bowdoin is divided into two major phases:

(1) The Basic Course—covering the first two academic years. Academic credit is not authorized by the College for this portion of the program. Enrollment for Freshmen involves one hour of classroom instruction weekly; and for Sophomores, two hours. An additional 30 hours of practical laboratory periods of leadership training each academic year completes the instruction given to Freshmen and Sophomores. Satisfactory completion of the Freshman course is a prerequisite for advancement to the second year of the Basic Course. Previous military training or satisfactory completion of accredited secondary school ROTC is accepted in lieu of first-year work in Military Science. The student must be physically qualified. Basic-Course students are eligible for deferment from military service under the Universal Military Training and Service Act upon their application.

(2) The Advanced Course—covering the third and fourth academic years. The College awards full academic credit for this course. Successful completion of the Basic Course (or attendance at the basic summer camp after the Sophomore year for prospective enrollees in the Two-Year ROTC Program), application by the student, and selection by the Department of Military Science are prerequisites for enrollment. This course involves four hours of classroom instruction weekly and a total of thirty hours of practical laboratory periods in leadership training each academic year. Three of the four hours of classroom instruction during one of the two Semesters each year will be devoted to the college-taught subject selected by the student. Students are paid at the rate of approximately \$50 per month while they are enrolled in the Advanced Course, except for the period they are at ROTC summer camp, when a different pay scale applies.

Between the third and fourth years, students attend a six weeks' summer camp at an Army installation. During the period at summer camp the students are paid approximately \$220. Including travel pay at six cents a mile to and from summer camp, each student receives a total of approximately \$1,200 during the two-year

course. Advanced-Course students are deferred from military service under the Universal Military Training and Service Act.

Uniforms and textbooks are provided at no expense to students enrolled in the Basic and Advanced Courses.

The Army offers a limited number of two-year full scholarships to students enrolled in the Four-Year ROTC Program. See page 59 for further information regarding these scholarships.

Preparatory training in college followed by active service as a commissioned officer gives the individual as a student, and later as a graduate, maximum leadership and management experience of a type which will prove invaluable to him in his future executive, professional, or business career.

# The Library

**B**OWDOIN'S Nathaniel Hawthorne-Henry Wadsworth Longfellow Library is the College's memorial to two of America's most famous men of letters, both members of its Class of 1825. It was occupied at the opening of the College in the fall of 1965. The building contains eighty-six thousand square feet of floor space, twenty thousand of this total being now occupied by the College's administrative offices.

During term time the Library is open from 8:30 A.M. to midnight, Monday through Saturday, and on Sunday from 1:00 P.M. to midnight. When the College is not in session the Library is not open in the evenings or on Sundays or holidays. Departmental libraries in art, biology, chemistry, mathematics, music, and physics are housed contiguous to the offices of the departments and are available for use on separate schedules of opening.

The sixty-six thousand square feet of the Hawthorne-Longfellow Library provide space for 406,000 volumes and 538 readers (for 460 of these by individual study tables, carrels, or lounge chairs). The space in the building now used by the Administration of the College will eventually be converted for use by the Library, increasing the book capacity of the building to an estimated total of 560,000 volumes and the seating capacity to about seven hundred. The College is also reserving the stack wing of Hubbard Hall, the library building of the College from 1903 to 1965, to shelve expanded book collections. Space for an additional two hundred thousand books is available there.

The entrance level of the building contains the portions of the Library of most immediate use to its readers: the circulation desk and reserve book shelves, the card catalog, the shelves for reference books and bibliographies, current newspapers, current periodicals, periodical indexes, government documents, and two large and handsome reading bays extending from the north and south sides of the building. Study tables and carrels are dispersed on the periphery of the shelf areas on this floor as they are throughout the building. This first floor also provides work space for the Librarian of the College, the Assistant Librarian, and the librarians and other staff working with circulation, reference, periodicals and newspapers, documents, and cataloging.

The lower level of the Library is space for Bowdoin's extensive collection of bound periodicals, its bound volumes of newspapers, and its collections of microfilm and microcards. In the southeast



corner of this level is a work area for the preparation of books for addition to the Library. This area includes space for the Library's photocopying services.

Two wells from the floor of the entrance level to the ceiling of the second floor give spaciousness to the interior of the building. On the second floor the openings are rimmed with exhibit cases. Forward of the well which is over the circulation desk is a large reading room, informally furnished and giving a broad view through floor-to-ceiling windows. In this room is a collection of paperbound volumes for recreational reading and a selection of periodicals received by the Library for immediate use only. To the north of this first well are more newspapers and magazines for recreational reading. To its south are a suite of listening rooms and a room for record storage. At the northeast and southeast corners of this floor are two suites of ten faculty studies each. Next the entrances to the two stairwells are small rooms for student typing or group study. The rest of this floor is shelving surrounded by carrels.

More shelving and carrels occupy the principal portion of the third floor. There are nine additional private studies on this floor. The eastern end of the third floor is the special collections suite. This includes, in addition to shelf space for Bowdoin's rare books and manuscripts and space for their use, quarters for the staff working with special collections, a map room, a conference room, and a staff and faculty lounge.

The greatest strengths of any library lie in its collections of books and other library materials and in its staff to help make library materials useful to students. Among college libraries in the nation the collections of the Bowdoin College Library, totaling well over three hundred thousand volumes, are unusually extensive, as they date back to the very origins of the College in 1794. Its staff of over twenty is about equally divided between professional librarians and library assistants.

The collections are strong (though inevitably of varying strength) in all areas covered by the curriculum of the College, and a constant effort is maintained to see that representative publications in fields outside the current curriculum are added to the Library. There is special strength in documentary publications relating to both British and American history, in the books relating to exploration and the arctic regions, in books by and about Carlyle, in books and pamphlets about Maine, in materials about the Huguenots, in books and pamphlets on World War I and on the history of much of middle Europe in this century, and in the literary history of pre-twentieth-century France.

Special collections in the Hawthorne-Longfellow Library include extensive collections of books, manuscripts, and other materials by and about both Hawthorne and Longfellow; books and pamphlets collected by Governor James Bowdoin; the private library of James Bowdoin III; an unusually extensive collection of late eighteenth- and early nineteenth-century books (particularly in the sciences) collected by Maine's distinguished Vaughan family; books, periodicals, and pamphlets contemporaneous to the French Revolution; the books, papers, and memorabilia of the Abbott family; an unusually fine representation of the items published in the District of Maine and in the State during the first decade of its statehood; and the books printed by the three most distinguished presses in Maine's history: the Mosher Press, the Southworth Press, and the Anthoensen Press.

Also in the special collections suite are the printed items relating to the history of the College and the chief collections of the manuscript archives of the College. These include much material on Bowdoin alumni and extend far beyond a narrow definition of official college records. Here also is the Library's general collection of manuscripts, a collection totaling more than a quarter million pieces. Outstanding among the manuscripts are the collections of the papers of Generals O. O. Howard and Charles Howard (well over a hundred thousand letters), of Senator William Pitt Fessenden, and of Professors Parker Cleaveland, Alpheus S. Packard, Henry Johnson, and Stanley Perkins Chase; collections of varying extent of most of Bowdoin's Presidents, especially President Jesse Appleton, General Joshua L. Chamberlain, President William DeWitt Hyde, and President Kenneth Charles Morton Sills; manuscripts by Kenneth Roberts, Kate Douglas Wiggin, Charles Stephens, Edwin Arlington Robinson, Elijah Kellogg, and such contemporary authors as Vance Bourjaily, John Gould, and Francis Russell.

Special collections include also the books of travel, French and British architecture, and other fine books (miscellaneous in nature but largely relating to the history of art and architecture) which remain in the extraordinarily handsome Rare Book Room in Hubbard Hall. These books are additionally distinguished by their fine bindings. The books in this room and the room itself (with its Renaissance ceiling which once graced a Neapolitan palazzo) are the gift of the same anonymous donor. The room was designed by C. Grant La Farge as a private library in New York City and later rebuilt at the College.

The operation of the Library and the growth of its collections



are supported by the general funds of the College and by gifts from alumni and other friends of the Library and of the College. The Library is annually the recipient of generous gifts of both books and funds for the immediate purchase of books or other library materials. It is always especially desirous of gifts of books, manuscripts, and family records and correspondence relating to the alumni of the College. The income of nearly ninety gifts to the College as endowment is directed to the use of the Library.

<i>Name</i>	<i>Donor or source</i>	<i>Amount</i>
Achorn	Edgar O. Achorn 1881	
The annual balance from the Achorn Flag Fund.		
Adams	William C. Adams 1897	\$ 2,000
John Appleton 1822	Frederick H. Appleton 1864	10,053
Samuel H. Ayer 1839	Athenæan Society	1,020
Benoit	A. H. Benoit Co. and the Benoit family	2,275
Alexander F. Boardman	Edith Jenney Boardman	500
Elias Bond	Elias Bond 1837	7,220
George S. Bowdoin	George S. Bowdoin	1,041
Philip H. Brown 1851	John C. Brown	2,040
Harold H. Burton 1909	Former law clerks, secretary, and friends	2,935
Henry L. Chapman 1866	Frederic H. Gerrish	10,006
Henry Philip Chapman 1906	H. Philip Chapman, Jr. 1930	1,500
Class of 1825	Several persons	1,025
Class of 1875	Class of 1875	1,671
Class of 1877	Class of 1877	3,033
Class of 1882	Class of 1882	2,346
Class of 1888	Class of 1888	1,210
Class of 1890	Class of 1890	2,020
Class of 1901	Class of 1901	727
Class of 1904	Class of 1904	5,932
Class of 1912	Class of 1912	23,476
Class of 1914	Class of 1914	6,227
Class of 1924	Class of 1924	2,269



*The Library*

169

<i>Name</i>	<i>Donor or source</i>	<i>Amount</i>
Lewis S. Conant	Emma L. Conant	63,412
Else H. Copeland	National Blank Book Co.	500
John L. Cutler	John L. Cutler 1837	1,020
Darlington	Mrs. Sibyl H. Darlington	1,000
Miguel de la Fe	His friends	1,480
Betty Edwards Dober	Her family	1,350
James Drummond 1836	Mrs. Drummond and daughter	3,045
Edward A. Dunlap 1940	Mr. and Mrs. Edward A. Dunlap	350
Henry Crosby Emery 1892	Class of 1899	2,000
Daniel C. Fessenden	Daniel C. Fessenden	7,473
Francis Fessenden 1858	John Hubbard	10,000
John O. Fiske	John O. Fiske 1837	1,020
Melville W. Fuller 1853	Mrs. Hugh Wallace	25,000
General Fund	Several persons	2,473
Arthur Chew Gilligan	Mrs. Mary C. Gilligan	1,219
Ginn	Thomas D. Ginn 1909	2,000
Albert T. Gould	Albert T. Gould 1908	1,000
Hakluyt	Robert Waterston	1,100
Roscoe J. Ham	Edward B. Ham 1922	1,307
Robert L. Happ 1953	His friends	100
Louis C. Hatch \$100 annually from his estate.	Louis C. Hatch 1895	
Samuel W. Hatch 1847	Miss Laura A. Hatch	1,000
Charles T. Hawes 1876	Mrs. Hawes	2,500
George A. Holbrook	George A. Holbrook 1877	2,000
Thomas Hubbard	His sisters and brother	3,307
Thomas H. Hubbard	Thomas H. Hubbard 1857	123,503
Winfield S. Hutchinson 1867	Mrs. Hutchinson	33,416
Elijah Kellogg 1840	Harvey D. Eaton	1,315
President John F. Kennedy	Several persons	3,100

<i>Name</i>	<i>Donor or source</i>	<i>Amount</i>
William W. Lawrence	William W. Lawrence 1898	7,500
Brooks Leavitt	Brooks Leavitt 1899	111,462
Noel C. Little 1917	Delta Kappa Epsilon Fraternity, alumni, and friends	1,190
Charles H. Livingston	His friends	1,000
Solon B. Lufkin	Solon B. Lufkin	500
Robert H. Lunt 1942	William E. Lunt 1904 and Mrs. Lunt	1,500
William E. Lunt 1904	Mrs. Lunt	510
Frank J. Lynde 1877	George Lynde	1,487
Mabel N. Matthews	Mrs. Della Fenton Matthews	1,218
Samuel A. Melcher 1877	Miss Lucy H. Melcher	15,988
William C. Merryman 1882	Mrs. Merryman	1,000
Earl Scott Miller	Karmil Merchandising Corp.	500
Gilbert H. Montague	Gilbert H. Montague	5,000
Edward S. Morse	Edward S. Morse	1,000
Alpheus S. Packard 1816	Sale of publications	500
William A. Packard	William A. Packard 1851	5,000
John Patten	John Patten	500
Donald W. Philbrick	Donald W. Philbrick 1917	5,000
Frederick W. Pickard	Frederick W. Pickard 1894	152,500
Lewis Pierce 1852	Henry Hill Pierce 1896	32,009
Alfred Rehder	His family	2,250
Franklin C. Robinson 1873	Clement F. Robinson 1903	5,000
Robert R. Rudy 1946	His friends and relatives	641
Joseph Sherman 1826 and Thomas Sherman 1828	Mrs. John C. Dodge and Mary S. S. Dodge	4,709
Jonathan L. Sibley	Jonathan L. Sibley	7,094
Sills	Faculty, alumni, and friends	21,240
Edgar M. Simpson 1894	Mrs. Margaret S. Millar	2,500
Smyth	Henry J. Furber 1861	
The annual balance of the Smyth Mathematical Prize Fund.		

*The Library*

171

<i>Name</i>	<i>Donor or source</i>	<i>Amount</i>
Walter M. Solmitz	His friends	531
Daniel C. Stanwood	Miss Muriel S. Haynes	5,375
Edward Stanwood	Edward Stanwood	1,270
L. Corrin Strong	L. Corrin Strong Trust	
One-half the income of the Trust.		
Charles C. Torrey	Charles C. Torrey 1884	1,000
Transportation Library Fund	Edward H. Teveriz 1926 and Joseph T. Small 1924	4,000
United States Steel Founda- tion	United States Steel Founda- tion	20,000
White Pine	Anonymous	10,231
Thomas W. Williams 1910	His friends and relatives	500
Robert W. Wood	Robert W. Wood 1832	1,000



# The Fine Arts

## THE MUSEUM OF ART

AN art collection has existed at Bowdoin almost since the inception of the College itself. The earliest acquisition of major importance was a group of one hundred and forty-two old master drawings bequeathed to the College in 1811 by James Bowdoin III. This was the first public collection of its kind in America and contains, among many treasures, a superb landscape by Pieter Brueghel the Elder. James Bowdoin III's collection of old master paintings came to the College two years later, in 1813.

Although various parts of the College's art collection were on view during the first half of the nineteenth century, it was not until 1855 that a special gallery devoted to the collection came into being in the College Chapel. This gallery was made possible by a gift from Theophilus Wheeler Walker, a cousin of President Leonard Woods. It was as a memorial to Walker that his two nieces, Harriet Sarah and Mary Sophia Walker, donated funds for the erection in 1894 of the present museum building, designed by Charles Follen McKim of McKim, Mead & White. Four tympana murals of Athens, Rome, Florence, and Venice by John La Farge, Elihu Vedder, Abbott Thayer, and Kenyon Cox, respectively, decorate the Museum's Sculpture Hall.

The Museum contains one of the most important collections extant of American Colonial and Federal portraits, including works by Smibert, Feke, Blackburn, Copley, Stuart, Trumbull, and Sully. Among the five examples by Robert Feke is his greatest work, the full-length likeness of *General Samuel Waldo*, generally regarded as the finest American portrait of the first half of the eighteenth century; the nine Gilbert Stuarts include the so-called "official" portrait of *Thomas Jefferson*, as well as its pendant of *James Madison*. A complete catalogue of this collection, *Colonial and Federal Portraits at Bowdoin College*, was published by the College, with a matching grant from the Ford Foundation, in 1966.

The College's collection of ancient art contains sculpture, pottery, bronzes, gems, coins, and glass of all phases of the ancient world. The most notable benefactor in this area was Edward Perry Warren, the leading collector of classical antiquities of the first quarter of the twentieth century. Five magnificent ninth-century B.C. Assyrian reliefs from the Palace of Ashurnazirpal II, the gift to the College of Henri Byron Haskell, Medical 1855, are installed

in the Museum's Sculpture Hall. *Ancient Art in Bowdoin College*, a descriptive catalogue of these holdings, was published in 1964 by the Harvard University Press.

In recent years the College has been the recipient of a Samuel H. Kress Study Collection of twelve Renaissance paintings; a fine group of European and American pictures given by John H. Halford, of the Class of 1907, and Mrs. Halford; a collection of Chinese and Korean ceramics given by the late Governor William Tudor Gardiner and Mrs. Gardiner; and a collection of nineteen paintings and one hundred and eighty-six prints by John Sloan bequeathed by George Otis Hamlin.

In the fall of 1964, the College was the recipient of the major portion of a collection of Winslow Homer memorabilia, which until that time had been in the artist's studio at Prout's Neck, the gift of Doris Homer, the wife of the artist's late nephew Charles Lowell Homer. This material, now known as the Homer Collection of the Bowdoin College Museum of Art, includes the artist's first watercolor; a significant group of letters he wrote over a period of many years to various members of his family; several of the certificates of award which accompanied the many medals Homer received for his work both in this country and abroad; three of the manikins he posed for figure paintings; his watercolor box, a palette, and brushes; and a considerable quantity of photographs of Homer, his family, and of Prout's Neck.

The Museum also contains fine examples of the work of such nineteenth-century and twentieth-century American artists as Winslow Homer, Eastman Johnson, Thomas Eakins, Martin Johnson Heade, William Glackens, Marsden Hartley, Andrew Wyeth, and Leonard Baskin.

In addition to rotating exhibitions of the permanent collection, the Museum holds numerous exhibitions every year of works of art lent by institutions and private collectors throughout the United States. Among the important exhibitions held by the Museum in recent years have been *The Art of John Sloan*, *The Art of Leonard Baskin*, *Painting in British India*, *The Portrayal of the Negro in American Painting*, *The Salton Collection of Renaissance and Baroque Medals and Plaquettes*, *As Maine Goes* (photographs by John McKee of the despoilation of the Maine Coast), and *Winslow Homer at Prout's Neck*. From time to time the College lends pictures and objects in the custody of the Museum to other institutions in various parts of the country. The Bowdoin College Traveling Print Collection is made available gratis to institutions in northern New England.



In 1961 the Associates program of the Bowdoin College Museum of Art was formed in order to more effectively share the facilities of the Museum with the community beyond the College. Students are encouraged to become members, at a reduced rate, so that they can take advantage of the Associates' publications and events.

### DRAMA AND STAGECRAFT

Since 1903, when a group of students organized the Bowdoin Dramatic Club, the College has recognized the regular production of plays as a valuable part of the extracurricular program. In 1909 the club changed its name to the Masque and Gown; two years later it started the tradition of annual Shakespearean productions as a feature of Commencement. Since then, the Masque and Gown has produced not only Shakespeare, but playwrights from all periods, with plays ranging from the classical to the avant-garde.

One of the most important activities of the club has been its encouragement of playwriting. For over thirty years the Masque and Gown has produced student-written one-act play contests, with cash prizes. Winners have later written full-length plays, fifteen of which have been produced on campus and four professionally in New York.

The Department of English offers courses in dramatic literature and playwriting. Informal instruction is available in acting and directing under a professional director, and in lighting and stagecraft under a professional technician, in Pickard Theater in Memorial Hall. This generous gift of the late Frederick William Pickard, LL.D., a member of the Class of 1894, includes a modern, 600-seat theater with proscenium stage, equipped with a complete system for flying scenery, an electronic lighting dimmer, and a superb modern sound system. In addition, Memorial Hall contains a fully equipped scene shop and, on the lower floor, a small open-stage theater for experimental work.

Membership in the Masque and Gown results from major work on one or minor work on two of the plays produced each season. An executive committee of undergraduates elected by the members consults with the Director of Dramatics to determine the program for each year, handle the finances and publicity of the club, and organize the production work. To operate efficiently, the Masque and Gown needs box-office and publicity men, directors, designers, builders, painters, electricians, property men, and costumers as well as actors and playwrights.



## MUSIC

Bowdoin offers its students an unusual variety of musical opportunities. Many undergraduates participate in organizations such as the Glee Club, the *a cappella* choir which sings at Vesper Services, the Meddiebempsters, the Bachelors, and various chamber music ensembles. Student instrumentalists are encouraged to perform in recitals at the Moulton Union and in concerts of solo and chamber music sponsored by the Bowdoin Music Club.

The Glee Club has always been of particular interest to Bowdoin students. Under the direction of Professor Robert Beckwith, it presents two concerts on campus with prominent New England women's colleges, and during the Christmas season the Chapel Choir presents a concert in the Walker Art Building. The Glee Club has appeared in New York's Town Hall on four occasions, and in May, 1967, appeared with the Boston Symphony "Pops" for the twentieth time.

The "Meddiebempsters," Bowdoin's augmented double quartet, have recently returned from a tour of American Army camps and hospitals in Europe, their eighth such tour under government sponsorship. The "Bowdoin Bachelors," an octet founded in 1961, have become well known in only a few years. Both octet groups appear frequently at other colleges, and have been heard on network radio and television. Student instrumental ensembles, appearing in numerous campus concerts, have presented music by composers as diverse as Monteverdi, Gabrieli, Hindemith, and John Cage. The ensembles are under the direction of the Music Department.

Visiting artists regularly present concerts on the campus. The Curtis-Zimbalist Concert Series, established in 1964, has included the New York Pro Musica, the Curtis String Quartet, the American Brass Quintet, the New York Chamber Soloists, flutist Jean-Pierre Rampal, and soprano Bethany Beardslee. The 1967-1968 Series includes, among others, pianist Gary Graffman and the First Chamber Dance Quartet. In addition, performers prominent in the Portland-Brunswick area present recitals on campus.

The Bowdoin College Summer Music School offers intensive training to talented young instrumentalists from all parts of the country. The Aeolian Chamber Players, resident faculty of the Summer School, also present a series of recitals during July and August. In addition, the Chamber Players have given world premieres of new works, commissioned by Bowdoin, at the annual Contemporary Music Festivals. Several of these works are being

published and recorded by the College, as part of the work of the Bowdoin College Music Press.

Professional teachers are available to give instruction in voice, piano, and other instruments to those students who wish to continue their study of applied music. The College provides practice rooms without charge in the Harvey Dow Gibson Hall of Music. A record loan system gives students the privilege of borrowing records from the extensive collection of the Department of Music.

### PRINTING AND TYPOGRAPHY

To supplement the opportunities offered to students in the Fine Arts, the College now has a well-equipped printing shop in the Walker Art Building. The equipment consists of a generous assortment of Caslon types especially imported from England, a smaller quantity of Oxford, Centaur, and Arrighi types, stands, stone, cutters, etc., and an old-style hand press. The purpose is to introduce interested students to the meaning of printing and typography, and to its allied fields in which some knowledge of printing and typography may be of value: editorial work, publishing, advertising, institutional promotion, and the production of fine printing itself.

Professor Cornell, of the Department of Art, will be available for informal instruction to students who want an introduction to typography and basic printing procedures. Prior to using this equipment, students must discuss their intention with Professor Cornell before they begin working or experimenting.

The College Library already owns many examples of fine printing which include the publications designed and printed by Frederick W. Anthoensen, A.M. (Bowdoin, 1947), of The Anthoensen Press, of Portland; books printed by Thomas Bird Mosher, A.M. (Bowdoin, 1906), also of Portland; and publications of the Grolier Club, of New York. In the field of early printing the Library possesses several examples of incunabula as well as a collection of 270 leaves of incunabula, mounted and described by Konrad Haebler. For several years the Library has been purchasing books in the field of printing and typography, their purchase being made possible by gifts to the Anthoensen-Christian Fund, established in 1946 to provide a typographical collection. In 1950 the Library received from a friend who wishes to remain anonymous a unique collection of volumes bound in full leather, beautifully tooled and inlaid by some of the world's finest binders. Among the binders represented are Meunier, Zaehnsdorf, Lortic, Michel, Chambolle-Duru, Riviere and Son, Taffin, Bradstreet, Ruban, Cuzin, and Gruel.



# Public Affairs Research Center

THE Public Affairs Research Center was established in September, 1966, through the merger of the Bureau for Research in Municipal Government (established in 1914) and the Center for Economic Research (established in 1958). With the appointment of a full-time professional staff, the activities of the Center are being expanded and broadened in scope. Research contracts with government and business organizations, as well as the assistance of foundation grants, enable the Center to carry on a program of identification, preparation, and administration of research investigations dealing generally with economic conditions, community government, regional development, and public administration.

In addition to special research reports, the Center publishes the *Maine Business Indicators*, which contains widely used economic analyses as well as the Maine Business Index. This publication has been continued monthly without interruption at Bowdoin College since its first issue in September, 1956. Monographs dealing with various aspects of government activity in Maine—the Government Research Series—are also available through the Center.

Within this general framework PARC exercises a unique role in Maine as a research and information center. In addition to the formal studies, the staff of the Center is available to answer specific requests for information about socio-economic conditions in Maine that are of concern to business firms, government officials, or other organizations and individuals.

To maintain liaison with the business community and assure adequate and objective representation in the Center's studies of current thinking, an advisory committee of Maine business leaders has been established. In addition to proposing research projects and advising on the activities of the Center, this committee also is concerned with the financial support and contributions that come from business firms and individuals in Maine and which underwrite the publication costs of the *Maine Business Indicators*. A second advisory group to the Center is composed of faculty members of Bowdoin College who, by virtue of their experience and interest, can assist in the development and execution of the research program of the Center.

The offices of the Public Affairs Research Center are located on the first floor of Hubbard Hall. Here also is the Center's library of books, reports, and periodicals covering its fields of interest. This library, supplemented by the regular collection in the Hawthorne-



Longfellow Library, is available for consultation and provides the basis for answering requests for specific information. Inquiries should be directed to the Public Affairs Research Center, Bowdoin College, Brunswick, Maine 04011.

# Bowdoin Center for Education in Politics

THE Center for Education in Politics promotes student interest and participation in political party activity. Originated by Arthur Vanderbilt, late Chief Justice of the New Jersey Supreme Court, the organization is nonpartisan. Affiliated with the Law Center of New York University, and administered regionally at the University of Rhode Island, the National Center for Education in Politics provides funds for a program to bring Bowdoin students into contact with practical politics.

Students have opportunities to become involved in political party work in addition to meeting and questioning candidates for important public positions and experts on the political process. Bowdoin undergraduates also participate through arrangements made for them to work as assistants to the county delegations at the state party conventions. During the 1960 Presidential campaign and the 1962 elections, students of politics were afforded the opportunity to participate in all forms of electioneering activity by working with the local party organization of their choice. A two-day spring conference on political issues with nationally known figures as guest speakers is now a traditional feature of the Bowdoin program. In an attempt to further advance the goals of the national sponsor, the Bowdoin Center for Education in Politics Congressional Internship Program was launched in the summer of 1962 with the placement of outstanding students in the offices of members of the New England delegation.

Finally, a Political Information Center has been formed. The chief goal of the Center is the encouragement of scholarly research in the political process among undergraduates through the publication of noteworthy papers. These studies have won commendation from both academicians and practicing politicians. In these various ways, the Bowdoin Center for Education in Politics works to help students provide better minds for better politics.

# The Bowdoin Scientific Station

THE College maintains a field station at Kent Island, off Grand Manan, in the Bay of Fundy, New Brunswick, Canada, where qualified students can conduct field work on biological problems. Kent Island, containing about two hundred acres and several buildings, was presented to the College in 1935 by Mr. John Sterling Rockefeller, of New York City. Charles Ellsworth Huntington, Ph.D., Associate Professor of Biology, is the Director of the Station.

This valuable adjunct to the scientific resources of the College, at the entrance to the Bay of Fundy, is the home of thousands of seabirds and is especially attractive to students of ornithology. The extensive tides in the Bay provide excellent conditions for the study of marine biology. A wide diversity of terrestrial environments, ranging from marshland to spruce woods, makes the island itself equally attractive to students of ecology.

No formal courses are offered at the Station, but students from Bowdoin and other institutions are encouraged to select problems for investigation at Kent Island during the summer and to conduct field work on their own initiative with the advice and assistance of the Department of Biology. Approved field work at the Station is acceptable for credit in *Biology* 201, 202, 301-304 (The Independent Study and Honors Courses). Financial assistance for students doing research at Kent Island is available from the Alfred O. Gross Fund (see page 212) and from a grant from the National Science Foundation for undergraduate science education.

Scientific investigators from other institutions have often used the facilities of the Station. Their presence has been a valuable stimulus to the undergraduate members of the Station in the conduct of their work.



# Lectureships and Institutes

THE regular instruction of the College is supplemented each year by a series of ten or twelve major lectures, in addition to occasional lectures and panel discussions sponsored by the various departments of study and undergraduate campus organizations. A notable adjunct to the intellectual life of the entire college community is the series of Institutes which brings to Bowdoin every two years various distinguished authorities in Art, Literature, Music, Public Affairs, and Science.

## LECTURESHIPS

**ANNIE TALBOT COLE LECTURESHIP:** This lectureship was founded in 1906 by Mrs. Calista S. Mayhew, of South Orange, New Jersey, in memory of her niece, Mrs. Samuel Valentine Cole. According to the terms of the gift, this lectureship was established to contribute "to the ennoblement and enrichment of life by standing for the idea that life is a glad opportunity. It shall, therefore, exhibit and endeavor to make attractive the highest ideals of character and conduct, and also, insofar as possible, foster an appreciation of the beautiful as revealed through nature, poetry, music, and the fine arts."

**MAYHEW LECTURE FUND:** This lectureship was founded in 1923 by Mrs. Calista S. Mayhew. The income from the bequest is used to provide lectures on bird life and its effect on forestry.

**JOHN WARREN ACHORN LECTURESHIP:** This lectureship was established in 1928 by Mrs. John Warren Achorn, as a memorial to her husband, a member of the Class of 1879. The income is used for lectures on birds and bird life.

**TALLMAN LECTURE FUND:** This fund was established with a gift of \$100,000 by Frank G. Tallman, A.M. (Bowdoin, 1935), of Wilmington, Delaware, in 1928, as a memorial to the Bowdoin members of his family. The income is "to be expended annually upon a series of lectures to be delivered by men selected by the Faculty either in this country or abroad." In addition to offering a course for undergraduates, the Visiting Professors on the Tallman Foundation give a series of public lectures on the subject of their special interest.

## VISITING PROFESSORS ON THE TALLMAN FOUNDATION: 1957-1967

George Haddad, PH.D., *Syrian University, Damascus. Visiting Professor of Near East History and Culture, Fall 1957.*

William Matthew O'Neil, A.B., A.M., *McCaughey Professor of Psychology, University of Sydney. Visiting Professor of the History of Science, Spring 1960.*

Takamichi Ninomiya, B.A., *Professor of English, Kobe University. Whitney-Fulbright Visiting Professor of the Japanese Language and Literature, Fall 1960.*

Ole Myrvoll, DR. OECON., *Professor of Economic Theory, Norwegian School of Economics and Business Administration, Bergen. Visiting Professor of Economics, Spring 1962.*

Rex Warner, *Visiting Professor in Classical History and Literature, 1962-1963.*

Alfred Maurice Taylor, M.A., PH.D., *Professor of Physics, University of Southampton. Visiting Professor of Physics, 1964-1965.*

Mahadev Dutta, B.Sc., M.Sc., D.PHIL. (Sc.), *Professor of Mathematics, North Bengal University. Visiting Professor of Mathematics, 1966-1967.*

CHEMISTRY LECTURE FUND: By vote of the Boards in 1939 the balance of \$1,280 from a fund given for Chemistry Department Lectures is used for special lectures in chemistry.

THE STUDENT COUNCIL LECTURESHIP: This lectureship, an annual gift to the College from the Student Council, was established in 1958 to provide a lecture on a topic of current interest to the student body.

EDITH LANSING KOON SILLS LECTURE FUND: This fund, at present amounting to \$5,025, was established in 1961 by the Society of Bowdoin Women to honor Mrs. Kenneth C. M. Sills, the wife of a former president of Bowdoin College. The fund is to be used to support a biennial lecture by an outstanding woman.

CHARLES WESTON PICKARD LECTURE FUND: Founded in 1961 by John Coleman Pickard, of the Class of 1922, in memory of his grandfather, a member of the Class of 1857. Starting with a gift of \$15,000, the interest is to be added to the principal until it reaches \$25,000, except that beginning with the academic year 1963-1964,

and every four years thereafter, the income for that particular year shall be used to provide a lecture in the field of journalism in its broadest sense. "By journalism is meant lines of communication with the public, whether through newspapers, radio, television, or other recognized media."

**CHARLES R. BENNETT MEMORIAL FUND:** A fund of \$1,000 given in 1962 by Mrs. Mary D. Bennett in memory of her husband, Charles R. Bennett, of the Class of 1907. The income is made available to the Mathematics Department preferably for the purpose of meeting the expenses of a visiting mathematics lecturer.

### THE BIENNIAL INSTITUTES

Sponsored by the College, Institutes on subjects of broad, general interest were held biennially from 1923 to 1941 and resumed in 1944. The method of conducting these Institutes is to bring to Brunswick various lecturers, each a distinguished authority in his field, for public lectures and round-table conferences. Although the lectures attract state-wide audiences, the conferences are given solely for undergraduates. In 1955, 1956, and 1960 the traditional pattern was varied by having the Institute conducted by one lecturer who developed a single theme in a series of addresses and round-table discussions. In the last twenty-five years Institutes have been held in the following fields:

Liberal Education (1944)	Crime and Delinquency (1956)
World Politics and Organization (1947)	The Mind of the South (1958)
Modern Literature (1950)	The Contemporary American Novel (1960)
Highlights of New England Culture During Bowdoin's History (1952)	Soviet Russia (1962)
Some Aspects of American Foreign Policy (1955)	Hawthorne and the American Novel (1964)
	A Carl Ruggles Festival (1966)

### NATIONAL SCIENCE FOUNDATION INSTITUTES

#### SUMMER INSTITUTES

Three grants totaling \$137,980 were received from the National Science Foundation for conducting Institutes on the Bowdoin campus in the summer of 1967. Institutes for secondary school teachers were held in Chemistry, Mathematics, and Marine Biology. These three Institutes ran concurrently from June 26 to August 4. Each



Institute offered credit at a graduate level of two semester courses or eight semester hours. Under the terms of the grant each participant received a stipend of \$75 a week with additional allowance for dependents and travel.

The Chemistry Institute, directed by Dr. Samuel E. Kamerling, Charles Weston Pickard Professor of Chemistry, was designed for thirty-six high school teachers who taught or were preparing to teach advanced placement chemistry courses.

The Marine Biology Institute, under the direction of Dr. Alton H. Gustafson, Professor of Biology, was presented to thirty-six science teachers selected because of their interest in Marine Biology and their ability to foster this interest in their students. Emphasis in this Institute was placed on the ecological aspects of the marine environment and the use of living organisms.

The Mathematics Institute was under the direction of Professor Richard L. Chittim, of the Department of Mathematics. It provided sixty teachers a program of two courses: one in Probability and the Mathematics of Statistics and one in Linear Algebra. This Institute was the ninth of a series of Mathematics Institutes planned to give credit toward a master's degree. Again this year participants selected were teachers who would exert leadership in the teaching of mathematics by creating modern courses or writing textbooks.

American teachers who attended these Institutes came from every section of the United States. Bowdoin College provided both dining and housing accommodations. Approximately one-half of the teachers were accompanied by their families. Throughout the period of the Institutes the facilities of the College including the Library, the Museum, and the Moulton Union were made available to these participants. The coordinator of the 1967 Institutes was Dr. Samuel E. Kamerling, Charles Weston Pickard Professor of Chemistry.

#### MATHEMATICS SEMINAR

In addition to the three Institutes above, there was also an Advanced Science Seminar for Graduate and Postgraduate Students of Mathematics. The Seminar, financed by a grant of \$92,630 from the National Science Foundation, was under the direction of Dr. Dan E. Christie, Professor of Mathematics, and ran from June 20 to August 10. About forty-eight graduate and ten postdoctoral students participated in a program devoted to study and research in Algebraic Geometry. Stipends and allowances for dependents and travel were available to members of the Seminar.

## SUMMER LECTURES AND CONFERENCES

## THE OAKES CENTER, BAR HARBOR

The Oakes Center, a twenty-one-room residence situated on a seven-acre estate with extensive shore frontage, is ideally adapted for summer educational programs and conferences. In July and August in 1958 and 1959 the Center housed a Speech Workshop for teachers under the direction of Albert Rudolph Thayer, A.M., McCann Professor of Oral Communication at Bowdoin. For a part of the summers of 1960, 1961, 1964, 1965, and 1966 the Center was used by the staffs of the Johns Hopkins University School of Medicine and the Roscoe B. Jackson Memorial Laboratory, of Bar Harbor, in connection with their summer conference on Medical Genetics. In the summer of 1962 it was used by the Institute for Defense Analysis. The summers from 1963 to 1966 were devoted to an extensive series of illustrated lectures and chamber music concerts, all open to the public, and one lecture restricted to the Alumni of the College.

# Student Life and Activities

**B**OWDOIN provides for her students a campus life which combines traditional features of the liberal arts college with modern facilities and programs which enrich the experience of undergraduate life. The Curriculum in Arts and Sciences (pages 96-161) provides formal instruction in those subjects appropriate to the development of educated and enlightened citizens. Within this framework students are encouraged, and are permitted sufficient flexibility, to develop their talents and capacities for leadership to the utmost. The physical plant and equipment of the College has been considerably improved in recent years, and visitors are frequently impressed by the quality of these physical facilities, given the modest size of the student body. Along with the library, laboratories, art museum, concert and lecture halls, social center, infirmary, and athletic facilities, continuing attention is given to the less tangible—but more important—intellectual resources of the College. Art shows, lectures, concerts, motion pictures, and legitimate dramatic productions are all planned to provide stimulating experiences which will enhance the student's everyday work within the formal curriculum.

**THE HONOR SYSTEM:** A student initiated proposal, the Bowdoin Honor System was devised with the uniqueness of Bowdoin foremost in mind. As voted by the Faculty and Student Body, it places complete responsibility upon the individual student for integrity in all of his academic work, including the use of the College Library. During registration, each student signs a pledge signifying that he understands and agrees to abide by the Bowdoin College Honor System. In so doing, he is pledging himself neither to give nor to receive unacknowledged aid in any academic undertaking. Further, he is pledging himself, in the event that he witnesses a violation of the Honor System, to "take such action as he believes is consistent with his own sense of honor." Responsibility for instructing students about their obligations under the Honor System resides with the Student Judiciary Board, which also recommends any action in the event of a reported violation. The constitution of the Honor System and other explanatory information are published in a special booklet distributed to all entering students.

**VESPER SERVICES:** Vesper Services with religious music and readings are held Sundays in the College Chapel. Attendance is voluntary.



**LIVING AND DINING ACCOMMODATIONS:** The College provides living and dining accommodations for its student body. Entering Freshmen live in the several dormitories. Those electing to join fraternities will, after the first few days, normally take their meals at the fraternity house; others dine at the Moulton Union. All Seniors, with but a few exceptions, live and dine at the Senior Center. The fraternity chapter houses furnish dining accommodations to their members with the exception of the Seniors and living accommodations for a large proportion of the Sophomore and Junior Classes (the final arrangements for living quarters being contingent upon the size of enrollment and other factors). Both fraternity and dormitory quarters help to promote the valuable friendships and give-and-take of opinion perennially associated with campus life.

**THE MOULTON UNION:** The Union is the Community Center of the College, for all members of the college family—students, faculty, administration, alumni, and guests (and their families). It is not merely a building; it is also an organization and a program. Together they represent a well-considered plan for the community life of the College.

The main lounge, with its pleasant fireplace, is arranged for informal use as well as college gatherings: lectures, smokers, recitals, receptions, and banquets. A conference lounge in the opposite wing and two smaller lounges add flexibility to the main floor area. Also on this floor are the scheduling and information desk and the campus telephone switchboard.

A large, self-service bookstore, featuring a growing paperback section, is located in the southeast corner on the main floor, supplying textbooks and sundries to members of the College. Profits are used for general student social purposes under the direction of the Student Union Committee.

Extracurricular activities such as the Student Union Committee, the *Orient*, the *Bugle*, the Debating Council, the Outing Club, and WBOR have offices in the Union.

On the lower floor, food service is provided in a variety of dining rooms with distinctive decor, where members and friends of the College may dine pleasantly for regular meals or between-meal snacks. One of the dining rooms serves as a banquet room for groups of less than one hundred. Also on this floor are game and television rooms.

The facilities of the Union resemble those of a club in which there are daily opportunities for new students to meet and form

friendships with other students and faculty members. The donor's wish to provide a place where the fires of friendship may be kindled and kept burning has been amply realized.

The formulation of policies and the planning of the many-sided program of Union activities are the responsibility of the Union Director assisted by the Student Union Committee, consisting of a representative from each Fraternity and the Independents. By sponsoring concerts, dances, lectures, art exhibitions, motion pictures, tournaments, and other entertainments, the Committee contributes to the social life of the entire college community.

#### THE STUDENT UNION COMMITTEE

Fall 1967

John Francis Pritchard, <i>President</i>	Delta Sigma
James Mason Barney, <i>Vice President</i>	Alpha Kappa Sigma
Frederick Marc Williams, <i>Secretary</i>	Alpha Delta Phi
Paul Hudson Campbell, Jr., <i>Treasurer</i>	Beta Theta Pi
James Alan Auld	Alpha Kappa Sigma
Richard Danforth Barr	Psi Upsilon
Bruce Campbell Dow	Alpha Rho Upsilon
Bruce Edward Fulton	Alpha Delta Phi
Stephen Merrill Hearne	Zeta Psi
Bruce Christopher Jordan	Chi Psi
Robert Galbraith MacDermid III	Delta Kappa Epsilon
Bruce Rowland Merrell	Sigma Nu
Thomas Allison Mleccko	Beta Theta Pi
Robert Charles Saporiti	Delta Sigma
Sumter Lee Travers, Jr.	Phi Delta Psi
Thomas Stuart Walker	Theta Delta Chi

**FRATERNITIES:** The Greek-letter fraternities first appeared on the Bowdoin campus in 1841. A century ago their functions were purely literary and social, but with the passing years they have become more and more an integral part of college life. In the early years, the meeting places of the fraternities were known only to their members. Later the members of the various chapters lived together in several of "the ends" of the college dormitories. A new era began in 1900 when two of the Greek-letter societies moved into houses of their own and took over the provision of living and dining facilities. Ordinarily, the Sophomore and Junior Class members live "at the house," while all of the members, with the exception of the Seniors, dine there.

Membership in a fraternity provides much more than an attractive eating club, agreeable companionship, occasional house parties, and competition in interfraternity track meets. To many graduates, such membership has meant a valuable training in the care of material property and in the maintenance of good relations with the town and with other groups, cooperation with the Administration and the faculty advisers in promoting scholarship and manly conduct among the younger brothers, and comradely association with alumni in the management of chapter affairs. At Bowdoin, loyalty to a fraternity has been found in practice to be an excellent means of developing loyalty to the College itself and to the larger interests which the College serves.

**INDEPENDENTS:** The Independent group at Bowdoin is small (partly because the fraternities do not follow as exclusive or selective policies as at some other colleges) but nevertheless important. Members of this group usually live in the dormitories and dine at the Moulton Union. The group has its own faculty adviser and holds out to its members the possibility of friendly association with fellow students without the more formal ties that go with fraternity organization.

**THE BOWDOIN PLAN:** A notable contribution to international understanding, the "Bowdoin Plan" is an arrangement whereby the fraternities provide board and room for some foreign students, while the College remits tuition. The plan originated with the undergraduates themselves in the spring of 1947, and in its first year of operation brought six foreign students to the Bowdoin campus. Since then the number has been increased. Their presence is a very desirable addition to the life and fellowship of a small college.

**ASPAU and LASPAU SCHOLARS:** Three students are in residence at Bowdoin under the African Scholarship Program of American Universities and the Latin American program of American Universities.

**THE STUDENT COUNCIL:** The control of student life at Bowdoin is entrusted in the fullest possible measure to the students themselves. Undergraduate self-government is vested in the Student Council, which makes recommendations about student affairs to the student body, and occasionally to the Faculty. The Council is composed of representatives from each fraternity and organized social group.



## STUDENT COUNCIL

Fall 1967

Peter Francis Hayes, *President*Robert Lawrence Bell, Jr., *Vice President*Robert Bruce Patterson, Jr., *Secretary-Treasurer*

Charles Franklin Adams III	Senior Center
William Lane Babcock, Jr.	Delta Kappa Epsilon
Bradley Alan Bernstein	Psi Upsilon
James Milton Bowie	Independent
David Lawrence Bulow	Alpha Delta Phi
John Haynes Demenkoff	Zeta Psi
Ralph Gordon Eddy	Delta Sigma
Jeff Douglas Emerson	Independent
Hugh Albert George Fisher	Alpha Kappa Sigma
Samuel Thomas Hastings	Alpha Delta Phi
Hylan Thomas Hubbard III	Sigma Nu
Howard Rollin Ives III	Psi Upsilon
Stephen Robert Ketaineck	Alpha Rho Upsilon
David Charles Lowe	Delta Sigma
Frederick Wellington Lyman	Delta Kappa Epsilon
Peter Allan McCroskery	Phi Delta Psi
John Michael Mackenzie	Beta Theta Pi
Brett Jay Markel	Chi Psi
Robert Dennis Mercurio	Alpha Rho Upsilon
Robert Stanley Newman	Alpha Kappa Sigma
Benjamin Remington Pratt, Jr.	Zeta Psi
Roger Alexander Renfrew	Beta Theta Pi
Steven Mark Schwartz	Theta Delta Chi
Judson Darryl Smith	Theta Delta Chi
David Bradford Soule, Jr.	Senior Center
Willard Pearson Warwick	Chi Psi
John Aldrich Whipple	Senior Center
Peter Clinton Wilson	Sigma Nu
Norbert Wilfred Young, Jr.	Phi Delta Psi

**THE STUDENT JUDICIARY BOARD:** The Student Judiciary Board is responsible for introducing new students to the Honor System. It also sits in judgment on violations of the Honor System and on other breaches of good conduct by students. Its decisions take the form of recommendations to the Deans' Office. The Board is comprised of three Seniors and two Juniors, all elected by the Student Council.

STUDENT JUDICIARY BOARD

Fall 1967

Bradley Alan Bernstein  
Leonard Bruce Locke  
John Michael Mackenzie  
Robert Bruce Patterson, Jr.  
Dana Richard Wilson, *Chairman*

**THE STUDENT CURRICULUM COMMITTEE:** Recently organized, the Student Curriculum Committee is interested in faculty-student relationships. Among its contributions to the College is the arrangement of lectures of interest to the college community, delivered principally by members of the Faculty. The five-member Committee is elected in the fall; two are members of the Student Council and three, members-at-large, are from the student body.

**THE STUDENT COMMITTEE FOR THE SENIOR CENTER:** The elected officers of the Senior Class meet frequently with the Director of the Senior Center to assist in program planning. This committee may be augmented by additional representatives of the class, as decided by the Seniors at a meeting in the early part of the Senior year.

STUDENT COMMITTEE FOR THE SENIOR CENTER

Fall 1967

Donald Carmine Ferro (*Class President*)  
William Carl Bechtold (*Class Vice President*)  
Roger Walter Raffetto (*Class Secretary-Treasurer*)

**THE BOARD OF PROCTORS:** The maintenance of order in the dormitories and the responsibility for their proper care are delegated to a Board of Proctors nominated by the Student Council and appointed by the Dean of Students with the approval of the Faculty.

BOARD OF PROCTORS

Fall 1967

Mark Cushing Bisgrove  
Paul Hudson Campbell, Jr.  
Richard Earle Downes, Jr.  
Paul Richard Gauron  
Robert Emmel Ives  
Stephen Robert Ketaineck  
Edward James McFarland, Jr.

John Michael Mackenzie  
Richard Alan Parmenter  
Michael John Princi  
Walter Warren Simmons  
Rodney Arthur Tulonen

**THE ORIENT:** *The Bowdoin Orient*, the college newspaper, is now in its ninety-seventh year of continuous publication. Opportunities for Freshmen as "cub" reporters, and for newcomers at the news desk and in the pressroom, continue as in the past, and advancement on the staff is rapid for those with a flair for journalism. Students interested in the business management of the newspaper will also find opportunities for work and advancement.

**THE QUILL:** The *Quill* is the college literary publication and is normally published once each Semester. Each issue contains articles in all fields of student literary interest: short stories, essays, poems, and reviews. Contributions are welcomed from all members of the College.

**THE BUGLE:** The *Bugle* is the college yearbook published by the Junior Class. The board is composed of students with a faculty adviser.

**MUSIC:** The most important musical extracurricular activity is the Glee Club. Bowdoin continues to be a "singing college," with the *a cappella* choir (which in addition to Vesper Services makes joint appearances with nearby girls' schools and colleges), house singing, student recitals, and the "Meddiebempsters" and the "Bowdoin Bachelors," both double quartets. An artist concert series is open free to all undergraduates.

**RADIO:** In WBOR, "Bowdoin-on-Radio," the College has a fully equipped FM radio station as the result of a substantial gift from the Class of 1924. Situated on the second floor of the Moulton Union, both studios and the control room are sealed against disturbances of sound with acoustical tiling and sound-lock doors. The station is equipped to produce high-fidelity broadcasts.

Students and faculty work freely together to cover the average daily run of ten hours on the air. The station has an advisory board, but programming and management are handled entirely by the students. During the last year of operation about twenty-five students participated as scriptwriters, directors, announcers, performers, and engineers. The station records on tape many of the college lectures and concerts for rebroadcast and has made several recordings for public distribution.



**DEBATING:** In addition to the Achorn and Bradbury Prize Debates, an extensive program of intercollegiate debating is sponsored by the Debating Council. The annual interfraternity debate competition for the Wilmot Brookings Mitchell Debate Trophy is under the general supervision of the Council.

**THE MASQUE AND GOWN:** This college dramatic organization has for over sixty years provided undergraduates with opportunities to give practical expression to their interest in the theater. Townspeople collaborate with the student members of Masque and Gown in many productions. The Executive Committee hopes to continue its policy of producing full-length and one-act plays written by students; the Committee also plans to use various experimental production techniques. Under the direction of an expert, and housed in Pickard Theater, the Masque and Gown offers many opportunities for those interested in playwriting, scene design and construction, acting, and business management and publicity.

**THE INTERFAITH COUNCIL:** The Interfaith Council is an organizational structure comprised of two representatives of each of the student religious organizations on the campus. The purposes of the Interfaith Council are to distribute funds from the activities fee among member organizations, to approve new member organizations, to sponsor an annual Religious Forum, and to advise the Administration on chapel speakers. The present member organizations of the Council are: The Bowdoin Christian Association, The Bowdoin Episcopal Student Association, the Bowdoin Newman Club, and the Student Religious Liberals.

**THE POLITICAL FORUM:** This student organization actively fosters the discussion and debate of current political practices and problems of local, state, national, and international interest. The Forum has instituted the policy of inviting guest speakers to lecture to the college community.

**THE OUTING CLUB:** Organized in 1948, the Outing Club sponsors a program of outdoor activities including rock and mountain climbing, cycling, canoeing, and skiing.

**THE WHITE KEY:** This organization has two functions: to program and supervise all interfraternity athletics, and to serve as the official committee to welcome and make arrangements for the entertainment of teams visiting Bowdoin from other institutions.

# Physical Education and Athletics

**B**OWDOIN is committed to physical education, including an athletics-for-all policy, as an essential and important part of the total educational program. Briefly stated, its purpose is to provide each student full opportunity for satisfying experience in physical activities for the achievement of health and physical fitness. The physical education program includes required classes which emphasize instruction in sports activities with carry-over value, a year-round schedule of intramural athletics for the whole student body, and intercollegiate competition on the varsity and freshman level in sixteen sports. Upperclassmen are encouraged to use the athletic facilities to participate in free recreational play.

**INTERCOLLEGIATE ATHLETICS:** Bowdoin offers intercollegiate competition in the following sports: football, cross-country, basketball, track (winter and spring), swimming, hockey, lacrosse, skiing, golf, tennis, baseball, rifle, soccer, and sailing (fall and spring). Varsity and freshman teams are maintained in these sports, giving every undergraduate an opportunity to try out for the sport of his choice. Informal competition is being carried on with other colleges in squash and wrestling, with the intention of adding these two new sports on a regular varsity and freshman basis in the near future.

**INTRAMURAL ATHLETICS:** Competition between fraternities is scheduled in softball, touch football, basketball, hockey, track, swimming, sailing, bowling, squash, and volleyball. Undergraduates not actively engaged in intercollegiate sports during a given season are eligible for intramural contests.

**OUTDOOR FACILITIES:** The outdoor athletic facilities of the College are excellent. Whittier Field is a tract of five acres that is used for football games and outdoor track. It has a grandstand with team rooms beneath it. Pickard Field is a tract of over seventy acres that includes two baseball diamonds; spacious playing fields for lacrosse, soccer, football, touch football, and softball; ten tennis courts; and a field house.

**INDOOR FACILITIES:** With the completion of a new gymnasium in 1965, the College possesses indoor facilities that are the equal of its outstanding outdoor facilities. The new 50,000-square-foot build-

ing, connected to the Sargent Gymnasium, contains a modern basketball court with seats for about 2,500 persons, four visiting team rooms, eleven squash courts, locker room with 500 lockers, shower facilities, modern fully equipped training room, adequate offices for the Director of Athletics and his staff, and other rooms for physical education purposes. Sargent Gymnasium has been altered and renovated to include a wrestling room, weight-training room, two special exercise rooms, and to make it an efficient part of the comprehensive plan. The Hyde Athletic Building, which is attached to the Sargent Gymnasium, includes a cinder track, facilities for field events, a banked board track, and a baseball infield. Completing the athletic facilities are the Curtis Swimming Pool, containing a pool thirty feet by seventy-five feet, and the Arena, which has a refrigerated ice surface eighty-five feet by two hundred feet and seating accommodations for 2,700 spectators.



# Placement Bureau

THE College offers assistance to students and graduates in solving the problem of employment, both during their undergraduate courses and afterward. Opportunities for undergraduates to do part-time work at the College or in the community may usually be obtained through the Student Aid Office.

Students are encouraged to register early in their college career and to consult the Director in Banister Hall for vocational counsel and guidance if the work of the Bureau is to be most effective in placing men upon graduation in the positions for which they are best qualified. The Bureau assists undergraduates in establishing contacts for summer employment.

The campus career interviews are planned to broaden the student's vocational interest and to aid him in selecting his life's work. Each student should survey his abilities objectively and study the demands of business, the occupations, and the professions in order to assist him in his planning. Students with a definite goal in mind usually approach their work with an earnestness of purpose. While the selection of a career must necessarily be left to the student, it should not be deferred too long or left to chance. The Bureau has information available to help guide the applicant to an intelligent choice. Extensive literature, including occupational monographs, and recent books on business careers are at the disposal of the students. The candidate's complete undergraduate record—including classroom work, vocational aptitude tests, and extracurricular activities—is used to determine his availability for positions after graduation.

The Bureau continually expands its contacts with employers, acting as an intermediary for the exchange of vocational information between employers and registrants. Representatives of industry are invited to the campus to confer with students and to discuss not only the qualifications necessary for success in their special fields but to explain the opportunities offered to college men. During the fall a series of business conferences is usually held for the benefit of registrants. The Placement Bureau cooperates with Alumni Placement Committees and with the Alumni Council sponsors each year a Career Conference. The Alumni Committees broaden the contacts available for registrants. The Placement Office provides the Area Committees with information necessary for proper classification and counseling of candidates referred to them.

Students planning to enter graduate school should consult with

one of the Deans and the chairmen of their major departments. No charge is made for services rendered to candidates or employers.

The Director devotes the major portion of his time to the activities of the Bureau. He is a member of the Faculty as well as an administrative officer. All correspondence should be addressed to the Director of the Placement Bureau, Banister Hall, Bowdoin College, Brunswick, Maine 04011.

BOWDOIN PLACEMENT COMMITTEE CHAIRMEN

Albany, New York	James B. Colton II '31
Augusta, Maine	Willard B. Arnold III '51
Bangor, Maine	Edward M. Stone '48
Boston, Massachusetts	John D. Lawrence '37
Brunswick, Maine	Paul K. Niven '16
Charleston, West Virginia	Robert W. Lancaster '46
Chicago, Illinois	Maurice E. Graves '28
Cincinnati, Ohio	John D. Dupuis '29
Cleveland, Ohio	John E. Orr '40
Dallas, Texas	Robert C. Young '51
Denver, Colorado	Oscar Swanson '30
Detroit, Michigan	George O. Cutter '27
Hartford, Connecticut	Terry K. Woodbury '56
Jacksonville, Florida	William B. Mills '29
Lewiston-Auburn, Maine	Stephen D. Trafton '28
Los Angeles, California	William R. Spinney '13
Mexico City, D. F.	Robert C. Hill '32
Millburn, New Jersey	Frank A. St. Clair '21
Minneapolis, Minnesota	Nathan A. Cobb '26
Montreal, Province of Quebec	Charles S. Bradeen '26
New York, New York	Robert C. Bolles '50
Pasco, Washington	Norman E. Robbins '19
Philadelphia, Pennsylvania	Leland W. Hovey '26
Providence, Rhode Island	Ralph R. Melloon '15
Rochester, New York	Norton V. Maloney '35
St. Johnsbury, Vermont	Alden E. Hull '29
San Mateo, California	Donald A. Carman '52
Seattle, Washington	Roswell M. Bond '56
Springfield, Massachusetts	Lawrence E. Dwight '54
Tulsa, Oklahoma	Wallace C. Philoon, Jr. '45
Washington, D. C.	William F. Johnson '30
Worcester, Massachusetts	Paul Sibley '25

# Prizes and Distinctions

## THE BOWDOIN PRIZE

THE BOWDOIN PRIZE: A fund, now amounting to \$28,485, established as a memorial to William John Curtis, LL.D., of the Class of 1875, by Mrs. Curtis and children. The prize, four-fifths of the total income, is to be awarded "once in each five years to the graduate or former member of the College, or member of its faculty at the time of the award, who shall have made during the period the most distinctive contribution in any field of human endeavor. The prize shall only be awarded to one who shall, in the judgment of the committee of award, be recognized as having won national and not merely local distinction, or who, in the judgment of the committee, is fairly entitled to be so recognized." (1928)

The first award of this prize was made in 1933 to Fred Houdlett Albee, M.D., Sc.D., LL.D., of the Class of 1899. The second award was made in 1938 to Harvey Dow Gibson, LL.D., of the Class of 1902, and Paul Howard Douglas, Ph.D., LL.D., of the Class of 1913. The third award was made in 1948 to Kenneth Charles Morton Sills, L.H.D., LL.D., of the Class of 1901. In 1954 the fourth award was made to Rear Admiral Donald Baxter Macmillan, Sc.D., of the Class of 1898. In 1958 the fifth award was made to Harold Hitz Burton, Jur.D., LL.D., of the Class of 1909. The sixth award was made in 1963 to William Hodding Carter, Jr., Litt.D., L.H.D., LL.D., of the Class of 1927.

## UNDERGRADUATE PRIZES

### PRIZES IN GENERAL SCHOLARSHIP

BROWN MEMORIAL SCHOLARSHIPS: A fund for the support of four scholarships in Bowdoin College given by the Honorable J. B. Brown, of Portland, in memory of his son, James Olcott Brown, A.M., of the Class of 1856. According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year. (1865)

ALMON GOODWIN PRIZE FUND: This fund was established by Mrs. Maud Wilder Goodwin in memory of her husband, Almon Goodwin, of the Class of 1862. The annual income, approximately \$100, is awarded to a Phi Beta Kappa man chosen by vote of the Trustees of the College at the end of the recipient's Junior year. (1906)



**GEORGE WOOD MCARTHUR PRIZE:** A fund bequeathed by Almira L. McArthur, of Saco, in memory of her husband, George Wood McArthur, of the Class of 1893. The annual income, approximately \$170, is awarded as a prize to that member of the graduating class who, coming to Bowdoin as the recipient of a prematriculation scholarship, shall have attained the highest academic standing among such recipients within the class. (1950)

**THE LEONARD A. PIERCE MEMORIAL FUND** will support a prize to be awarded each year to that member of the graduating class of the College continuing his education in an accredited law school, who has attained the highest scholastic average during his years in college, such prize to be paid to the recipient on his enrollment in law school. (1961)

#### DEPARTMENTAL PRIZES

**SUE WINCHELL BURNETT MUSIC PRIZE:** A prize consisting of the annual income of a fund of \$1,096, the gift of Mrs. Rebecca P. Bradley in memory of Mrs. Sue Winchell Burnett. It is awarded upon recommendation of the Department of Music to that member of the Senior Class who has majored in Music and has made the most significant contribution to Music while a student at Bowdoin. If two students make an equally significant contribution, the prize will be divided equally between them. (1963)

**CLASS OF 1875 PRIZE IN AMERICAN HISTORY:** A prize of approximately \$380 was established by William John Curtis, LL.D., of the Class of 1875, and is awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History. (1901)

**COPELAND-GROSS BIOLOGY PRIZE:** A prize, named in honor of Professors Emeriti Manton Copeland and Alfred Otto Gross, is given by the Department of Biology to that graduating Senior who has best exemplified the idea of a liberal education during the major program in Biology. (1959)

**HANNIBAL HAMLIN EMERY LATIN PRIZE:** A prize of approximately \$100 is awarded to a member of the Junior or Senior Class for proficiency in Latin. (1922)

**FESSENDEN PRIZE IN GOVERNMENT:** A prize of \$25, the gift of Richard Dale, of the Class of 1954, is given by the Department of Government to that graduating Senior who as a government major has made the greatest improvement in his studies in Government, who has been accepted for admission into either law or

graduate school or has been accepted for employment in one of certain Federal services, and who is a United States citizen. (1964)

**GOODWIN FRENCH PRIZE:** A prize of approximately \$55, the annual income of a fund given by the Reverend Daniel Raynes Goodwin, D.D., of the Class of 1832, is awarded to the best scholar in French. (1890)

**NATHAN GOOLD PRIZE:** A prize of approximately \$220, the annual income of a fund established by Abba Goold Woolson, of Portland, in memory of her grandfather. It is awarded to that member of the "Senior Class who has, throughout his college course, attained the highest standing in Greek and Latin studies." (1922)

**EDWIN HERBERT HALL PHYSICS PRIZE:** A prize, named in honor of Edwin Herbert Hall, of the Class of 1875, the discoverer of the Hall Effect, is awarded each year to the best Freshman scholar in the field of Physics. (1953)

**EDWARD SANFORD HAMMOND MATHEMATICS PRIZE FUND:** Established by former students of Professor Edward S. Hammond, Ph.D., Wing Professor of Mathematics, Emeritus, upon the occasion of his retirement, the income is used for a prize book to be awarded upon recommendation of the faculty of the Mathematics Department to a graduating Senior who is completing with distinction a major in Mathematics. Any balance of the income from the fund may be used to purchase books for the use of the Department of Mathematics. (1963)

**SUMNER INCREASE KIMBALL PRIZE:** A prize of approximately \$235, the annual income of a fund established by the Honorable Sumner Increase Kimball, Sc.D., of the Class of 1855, is awarded to that member of the Senior Class who has "shown the most ability and originality in the field of the Natural Sciences." (1923)

**EATON LEITH FRENCH PRIZE:** The annual income of a fund of \$1,000 is awarded to that member of the Junior Class who, by his proficiency and scholarship, achieves outstanding results in the study of French literature. The prize was established in 1962 and endowed in 1966 by James M. Fawcett III, of the Class of 1958, to honor Professor Eaton Leith, A.M., Professor of Romance Languages. (1962)

**CHARLES HAROLD LIVINGSTON HONORS PRIZE IN FRENCH:** The annual income of a fund of \$1,055 is awarded to encourage independent scholarship in the form of honors theses in French. The fund

was established by former students of Professor Charles Harold Livingston, Ph.D., Longfellow Professor of Romance Languages, upon the occasion of his retirement. (1956)

**DONALD AND HARRIET S. MACOMBER PRIZE IN BIOLOGY:** A fund of \$5,875 established by Dr. and Mrs. Donald Macomber in appreciation for the many contributions of Bowdoin in the education of members of their family—David H. Macomber '39, Peter B. Macomber '47, Robert A. Zottoli '60, David H. Macomber, Jr. '67, and Steven J. Zottoli '69. The income of the fund is to be awarded annually as a prize to the outstanding student in the Department of Biology. If in the opinion of the Department in any given year there is no student deemed worthy of this award, the award may be withheld and the income for that year added to the principal of the fund. (1967)

**PHILIP WESTON MESERVE FUND:** A prize of approximately \$50 in memory of Professor Philip Weston Meserve, of the Class of 1911, "to be used preferably to stimulate interest in Chemistry." (1941)

**NOYES POLITICAL ECONOMY PRIZE:** A prize of approximately \$100 established by Crosby Stuart Noyes, A.M. (Bowdoin, 1887), is awarded to the best scholar in Political Economy. (1897)

**THE OLD BROAD BAY PRIZES IN READING GERMAN:** The income from a fund of \$1,324 given by Dr. Jasper J. Stahl, of the Class of 1909, of Waldoboro, and by others to be awarded to students who in the judgment of the Department have profited especially from their instruction in German. The fund is established as a living memorial to those remembered and unremembered men and women from the valley of the Rhine who in the eighteenth century founded the first German settlement in Maine at Broad Bay, which is now Waldoboro. (1964)

**PRAY ENGLISH PRIZE:** A prize of approximately \$110, the annual income of a fund given by Dr. Thomas Jefferson Worcester Pray, of the Class of 1844, is awarded to the best scholar in English Literature and original English Composition. (1889)

**SEWALL GREEK PRIZE:** A prize of \$25 from the income of a fund given by Professor Jotham Bradbury Sewall, D.D., of the Class of 1848, formerly Professor of Greek in the College, is awarded to the member of the Sophomore Class who sustains the best examination in Greek. (1879)

**SEWALL LATIN PRIZE:** A prize of \$25 from the income of a fund



also given by Professor Sewall, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

(1879)

DAVID SEWALL PREMIUM: A prize of approximately \$100 is awarded to a member of the Freshman Class for excellence in English Composition. Entries are due at the last meeting of *English 2*.

(1795)

BERTRAM LOUIS SMITH, JR., PRIZE: A bequest of \$4,059 from Bertram Louis Smith, in memory of his son, a member of the Class of 1903, to encourage excellence of work in English Literature. From this fund a premium of approximately \$345 is awarded by the Department to a member of the Junior Class who has completed two years' work in English Literature. Ordinarily it is awarded to a student majoring in English and performance of major work as well as record in courses is taken into consideration.

(1925)

SMYTH MATHEMATICAL PRIZE: A fund of \$6,952, the gift of Henry Jewett Furber, of the Class of 1861, named by him in honor of Professor William Smyth. Three hundred dollars, the income of the fund, is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations, but the Faculty may in its discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives one-third of the prize at the time the award is made. The remaining two-thirds is paid to him in installments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time.

(1876)

LEA RUTH THUMIM BIBLICAL LITERATURE PRIZE: A prize consisting of the annual income of a fund given by Carl Thumim in memory of his wife, Lea Ruth Thumim, is awarded each year by the Department of Religion to the best scholar in Biblical Literature.

(1959)

#### PRIZES IN DEBATING AND SPEAKING

EDGAR OAKES ACHORN PRIZE FUND: The income of this fund is distributed as prizes to the winning team in an annual debate between members of the Freshman and Sophomore Classes. First prize, approximately \$50; Second prize, approximately \$30; Third prize, approximately \$20.

(1932)

ALEXANDER PRIZE FUND: This fund was established by the Honorable DeAlva Stanwood Alexander, LL.D., of the Class of 1870, and

furnishes two prizes, three-fifths and two-fifths of the annual income for excellence in select declamation. Competition is open to Freshmen, Sophomores, and Juniors. First prize, approximately \$75; Second prize, approximately \$50. (1905)

BRADBURY DEBATING PRIZE: The annual income of a fund given by the Honorable James Ware Bradbury, LL.D., of the Class of 1825, is awarded for excellence in debating. First team, approximately \$120; Second team, approximately \$60. (1901)

CLASS OF 1868 PRIZE: Beginning with the year 1966-1967, this prize of approximately \$90, the annual income of a fund contributed by the Class of 1868, is awarded to the author of the second-best Commencement Part. (1868)

HILAND LOCKWOOD FAIRBANKS PRIZE FUND: This fund was established by Captain Henry Nathaniel Fairbanks, of Bangor, in memory of his son, Hiland Lockwood Fairbanks, of the Class of 1895. Of the annual income, approximately \$200, one-half is awarded for excellence in advanced public speaking and debating (*English* 5, 6), and the remaining one-half, in a two-to-one ratio, is to be awarded as first and second prizes to the two outstanding students in the Fall Semester of *English* 4. (1909)

GOODWIN COMMENCEMENT PRIZE: Established by the Reverend Daniel Raynes Goodwin, D.D., of the Class of 1832, a prize of \$200 is awarded to the author of the best Commencement Part. (1882)

WILMOT BROOKINGS MITCHELL DEBATING TROPHY: This trophy, presented by an anonymous donor, is to be inscribed annually with the winner of a competition among the undergraduate groups and awarded to that group which has won three annual competitions. (1953)

STANLEY PLUMMER PRIZES: First and second prizes of approximately \$60 and \$30, the annual income of a fund established by Stanley Plummer, of the Class of 1867, are awarded annually to the two outstanding students in the Spring Semester of *English* 4. (1919)

#### ESSAY PRIZES

PHILO SHERMAN BENNETT PRIZE FUND: This fund was established by the Honorable William Jennings Bryan from trust funds of the estate of Philo Sherman Bennett, of New Haven, Connecticut. The proceeds are used for a prize of approximately \$50 for the best essay discussing the principles of free government. Competition is open to Juniors and Seniors. (1905)

**BROWN COMPOSITION PRIZES:** Two prizes of approximately \$70 and \$50, the annual income of a fund established by Philip Greely Brown, of the Class of 1877, in memory of Philip Henry Brown, Esq., of the Class of 1851, are offered to members of the Senior Class for excellence in Extemporaneous English Composition. (1874)

**HORACE LORD PIPER PRIZE:** A prize of approximately \$120 was established by the Honorable Sumner Increase Kimball, Sc.D., of the Class of 1855, in memory of Major Horace Lord Piper, of the Class of 1863. It is awarded to that member of the Sophomore Class who presents the best "original paper on the subject calculated to promote the attainment and maintenance of peace throughout the world, or on some other subject devoted to the welfare of humanity." (1923)

#### PRIZES IN CREATIVE ARTS

**BOWDOIN ORIENT PRIZES:** Six cash prizes are offered by the Bowdoin Publishing Company to be awarded each spring to those Junior members of *The Bowdoin Orient* Staff who have made the most significant contribution to the various departments of the *Orient* in the preceding volume. (1948)

**ABRAHAM GOLDBERG PRIZE:** A prize of \$10, from a bequest of Abraham Goldberg, is awarded annually to that member of the Senior Class who, in the opinion of a faculty committee of which the Director of Dramatics is chairman, has shown, in plays presented at the College during the two years preceding the date of award, the most skill in the art of designing or directing. (1960)

**HAWTHORNE PRIZE:** The income of a fund given in memory of Professor Robert Peter Tristram Coffin, B.Litt. (Oxon.), Litt.D., of the Class of 1915, and in memory of the original founders of the Hawthorne Prize: Nora Archibald Smith and Mrs. George C. Riggs (Kate Douglas Wiggin), Litt.D. It is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior, and Senior Classes. (1903)

**MASQUE AND GOWN FIGURINE:** A figurine, "The Prologue," carved by Gregory Wiggin, is presented annually to the author of the prize-winning play in the One-Act Play Contest, and held by him until the following contest. (1937)

**MASQUE AND GOWN ONE-ACT PLAY PRIZES:** Cash prizes of \$25 and \$15 are awarded annually for the best and second-best plays written and produced by undergraduates. Prizes of \$10 each for acting, directing, and design in the competing plays have been added. (1934)



**ALICE MERRILL MITCHELL PRIZE:** A prize of approximately \$125, given by Professor Wilmot Brookings Mitchell, L.H.D., Litt.D., of the Class of 1890, in memory of his wife, Alice Merrill Mitchell, is awarded annually to that member of the Senior Class who, in the opinion of a faculty committee of which the Director of Dramatics is chairman, has shown, in plays presented at the College during the two years preceding the date of award, the most skill in the art of acting. (1951)

**POETRY PRIZE:** A prize of \$15 is given each Semester for the best poem on Bowdoin written by an undergraduate. (1926)

**FORBES RICKARD, JR., POETRY PRIZE:** A prize of approximately \$45, the annual income of a fund given by a group of alumni of the Alpha Delta Phi Fraternity at the College in memory of Forbes Rickard, Jr., of the Class of 1917, who lost his life in the service of his country, is awarded to the undergraduate writing the best poem. (1919)

**MARY B. SINKINSON SHORT STORY PRIZE:** A prize of approximately \$110, the annual income of a fund established by John Hudson Sinkinson, of the Class of 1902, in memory of his wife, Mary Burnett Sinkinson, is awarded each year for the best short story written by a member of the Junior or Senior Class. (1961)

#### AWARDS FOR CHARACTER AND LEADERSHIP

**LESLIE A. CLAFF TRACK TROPHY:** A trophy presented by Leslie A. Claff, of the Class of 1926, to be awarded "at the conclusion of the competitive year to the outstanding performer in track and field athletics who, in the opinion of the Dean, the Director of Athletics, and the Track Coach, has demonstrated outstanding ability accompanied with those qualities of character and sportsmanship consistent with the aim of intercollegiate athletics in its role in higher education." (1961)

**FRANCIS S. DANE BASEBALL TROPHY:** A trophy presented to the College by friends and members of the family of Francis S. Dane, of the Class of 1896, is awarded each spring "to that member of the varsity baseball squad who, in the opinion of a committee made up of the Dean of the College, the Director of Athletics, and the Coach of Baseball, best exemplifies high qualities of character, sportsmanship, and enthusiasm for the game of baseball." (1965)

**ANDREW ALLISON HALDANE CUP:** A cup given by fellow officers in the Pacific in memory of Captain Andrew Allison Haldane,

USMCR, of the Class of 1941, awarded to a member of the Senior Class who has outstanding qualities of leadership and character. (1945)

LUCIEN HOWE PRIZE: A fund of \$5,074 given by Lucien Howe, M.D., Sc.D., of the Class of 1870. Fifty dollars from the income is "awarded by the Faculty to that member of the Senior Class who, during his college course, by example and influence has shown the highest qualities of gentlemanly conduct and character, the award to be either in cash or in the form of a medal, according to the wish of the recipient." The remainder is expended by the President to improve the social life of the undergraduates. (1920)

WINSLOW R. HOWLAND FOOTBALL TROPHY: A trophy presented to the College by friends of the late Winslow R. Howland, of the Class of 1929, is awarded each year to that member of the varsity football team who has made the most marked improvement on the field of play during the football season, and who has shown the qualities of cooperation, aggressiveness, enthusiasm for the game, and fine sportsmanship so characteristic of Winslow Howland. (1959)

ELMER LONGLEY HUTCHINSON CUP: A cup given by the Chi Psi Fraternity at the College in memory of Elmer Longley Hutchinson, of the Class of 1935, is awarded annually to a member of the varsity track squad for high conduct both on and off the field of sport. (1939)

GEORGE LEVINE MEMORIAL SOCCER TROPHY: A trophy presented by Lt. Benjamin Levine, Coach of Soccer, 1958, is awarded to that member of the varsity soccer team exemplifying the traits of sportsmanship, valor, and desire. (1958)

ROBERT B. MILLER TROPHY: A trophy, given by former Bowdoin swimmers, honoring Robert B. Miller, Coach of Swimming, Emeritus, is awarded annually "to the Senior who, in the opinion of the coach, is the outstanding swimmer on the basis of his contribution to the sport." Winners will have their names inscribed on the trophy and will be presented with bronze figurines of swimmers. (1962)

HUGH MUNRO, JR., MEMORIAL TROPHY: A trophy given by his family in memory of Hugh Munro, Jr., of the Class of 1941, who lost his life in the service of his country. It is inscribed each year with the name of that member of the Bowdoin varsity hockey team who best exemplifies the qualities of loyalty and courage which characterize the life of Hugh Munro, Jr. (1946)

**PAUL NIXON BASKETBALL TROPHY:** Given to the College by an anonymous donor, and named in memory of Dean Paul Nixon, LL.D., L.H.D., in recognition of his interest in competitive athletics and sportsmanship, this trophy is inscribed each year with the name of the member of the Bowdoin varsity basketball team who has made the most valuable contribution to this team through his qualities of leadership and sportsmanship. (1959)

**COL. WILLIAM HENRY OWEN PREMIUM:** An award of approximately \$55, the income of a fund established by Frederick Wooster Owen, M.D., in memory of his brother, Col. William Henry Owen, A.M., of the Class of 1851, is awarded at Commencement "to some graduating student recognized by his fellows as a humble, earnest, and active Christian." (1916)

**WALLACE C. PHILOON TROPHY:** Given by Wallace Copeland Philoon, M.S., Major General, U.S.A. (Retired), of the Class of 1905, this trophy is awarded each year to a nonletter winner of the current season who has made an outstanding contribution to the football team. The award is made to a man who has been faithful in attendance and training and has given his best efforts throughout the season. (1960)

**WILLIAM J. REARDON MEMORIAL FOOTBALL TROPHY:** A replica of this trophy, which was given to the College by the family and friends of William J. Reardon, of the Class of 1950, is presented each year to a Senior on the varsity football team who has made an outstanding contribution to his team and his college as a man of honor, courage, and ability, the qualities which William J. Reardon exemplified at Bowdoin College on the campus and on the football field. (1958)

**FRANKLIN DELANO ROOSEVELT CUP:** A cup, furnished by the Alpha Delta Phi Fraternity at the College, to be inscribed annually with the name of that member of the three lower classes whose vision, humanity, and courage most contribute to making Bowdoin a better college. (1945)

#### PRIZES IN EXTRACURRICULAR ACTIVITIES AND SCHOLARSHIP

**JAMES BOWDOIN CUP:** This cup, given by the Alpha Rho Upsilon Fraternity, is awarded annually on James Bowdoin Day to the student who in his previous college year has won a varsity letter in active competition and has made the highest scholastic average among the students receiving varsity letters. In case two or more



students should have equal records, the award shall go to the one having the best scholastic record during his college course. The name of the recipient is to be engraved on the cup and the cup retained for the following year by that college group (fraternity or nonfraternity) of which the recipient is a member. (1947)

**ORREN CHALMER HORMELL CUP:** A cup, given by the Sigma Nu Fraternity at the College, in honor of Orren Chalmer Hormell, Ph.D., D.C.L., DeAlva Stanwood Alexander Professor of Government, Emeritus, is awarded each year to a Sophomore who, as a Freshman, competed in Freshman athletic competition as a regular member of a team, and who has achieved outstanding scholastic honors. A plaque inscribed with the names of all of the cup winners is kept on display. (1949)

**ROLISTON G. WOODBURY AWARD:** A prize given annually by the Textile Veterans Association to honor the contributions of Roliston G. Woodbury, of the Class of 1922 and a member of the Board of Overseers, to the textile industry. It consists of a \$50 U. S. Savings Bond and a bronze medallion and is awarded to a student on the basis of scholarship, leadership, and extracurricular activities. (1963)

#### MILITARY PRIZES

**THE GENERAL PHILOON TROPHY:** A cup given by Wallace Copeland Philoon, M.S., Major General, U.S.A. (Retired), of the Class of 1905, is awarded each autumn to that member of the Senior Class who has made the best record at the summer camp of the ROTC. (1951)

**THE PERSHING-PRESNELL SWORD:** A sword presented in honor of General John J. Pershing to Major John Finzer Presnell, Jr., '36, as the First Captain of the Class of 1940 at the United States Military Academy. Following the death of Major Presnell in the Second World War, his parents gave the sword to Bowdoin College. The Pershing-Presnell Sword is assigned to the Cadet Colonel commanding the Bowdoin College Battle Group, Reserve Officers' Training Corps, and the shield bearing the sword is inscribed with his name. (1951)

#### MISCELLANEOUS PRIZES

**ABRAXAS AWARD:** A plaque is awarded to the school sending three or more graduates to the College, whose representatives maintain the highest standing in the Fall Semester of Freshman year. This award, established in 1915 by the Abraxas Society, is now given by the Student Council. (1915)

**STUDENT COUNCIL CUP:** A cup, formerly called the "Friar's Cup" and now given by the Student Council, is awarded at the conclusion of each Semester to that fraternity which has attained the highest academic standing during the Semester. (1911)

**HARVEY DOW GIBSON MEMORIAL TROPHY:** A cup in memory of Harvey Dow Gibson, LL.D., of the Class of 1902, is given by the Bowdoin chapter of the Theta Delta Chi Fraternity. It is awarded each fall to that fraternity which has shown the greatest improvement in its scholastic standing during the previous academic year. (1951)

**THE PEUCINIAN CUP:** A cup, in honor of the Peucinian Society, Bowdoin's first literary-social club (1805), is given by the alumni of Bowdoin fraternity chapters and awarded each February and June to the fraternity whose Freshman delegation achieves the highest academic average for the previous Semester. (1938)

### PHI BETA KAPPA

The Phi Beta Kappa Society, national honorary fraternity for the recognition and promotion of scholarship, was founded at the College of William and Mary in 1776. The Bowdoin Chapter (Alpha of Maine), the sixth in order of establishment, was founded in 1825.

Election to the Society is on the basis of scholarly achievement, in estimating which, consideration is given primarily to grades in courses, secondarily (at graduation) to departmental honors. Elections may be held twice a year—in February and June. Candidates must have completed twenty-six semester units for college credit.

### JAMES BOWDOIN DAY

Named in honor of the earliest patron of the College, James Bowdoin Day was instituted in 1941 to accord recognition to those undergraduates who distinguish themselves in scholarship. At a convocation of the entire college, the exercises consist of the announcement of awards, the presentation of books, a response by an undergraduate, and an address.

The James Bowdoin Scholarships, carrying no stipend, are awarded to undergraduates who have completed two semesters' work, in recognition of high scholarship in their courses to date.

A book, bearing a replica of the early college bookplate serving to distinguish the James Bowdoin Collection in the Library, is presented to every undergraduate who has carried a full course

program and has received a grade of High Honors in each of his courses during the last academic year.

#### THE FACULTY DEVELOPMENT FUND

This fund, now amounting to approximately \$202,700, was established by Charles Austin Cary, LL.D., of the Class of 1910. The income from the fund is expended each year "for such purpose or purposes, to be recommended by the President and approved by the Governing Boards, as shall be deemed to be most effective in maintaining the caliber of the Faculty." These purposes may include, but not be limited to, support of individual research grants, or productive use of sabbatical leaves, added compensation for individual merit or distinguished accomplishment, and other incentives to encourage individual development of teaching capacity, and improvement of faculty salaries.

#### FACULTY RESEARCH FUND

This fund, founded by the Class of 1928 on the occasion of its twenty-fifth anniversary, is open to additions from other classes and individuals. The interest from the Fund is used to help finance research projects carried on by members of the Faculty.

#### SUMNER TUCKER PIKE FUND

This fund was established by an anonymous donor in 1966 in recognition of the many significant services to the country and to the College of Sumner T. Pike, LL.D., of the Class of 1913, the fund to be used in accordance with the wishes of the donor that "the principal and/or income of this fund be applied at the discretion of the President of Bowdoin College, preference to be given to support of research and/or publications of studies in the social sciences (including history)."

#### UNDERGRADUATE RESEARCH ASSISTANCE

##### THE UNDERGRADUATE RESEARCH FELLOWSHIP PROGRAM

The Undergraduate Research Fellowship Program was established by the Governing Boards upon the recommendation of the Faculty in June, 1959. Under this program, ten fellowships may be awarded annually to highly qualified Seniors. Each Fellow will participate, under the direction of a faculty member, in a research project in which that faculty member is independently interested.

The purpose of the program is to engage the Fellow directly and



responsibly in a serious attempt to extend man's knowledge in his field of interest and competence. Each project to which a Fellow is assigned must therefore justify itself independently of the program as a potential contribution to knowledge, and the Fellow is expected to be an actual participant in the research and not, for example, a mere observer or helper. The nature of the project will differ from discipline to discipline, but all should give the Fellow first-hand acquaintance with productive scholarly work. Should the results of the research be published, the faculty member in charge of the work will acknowledge the contribution of the Fellow and of the program; and in some instances it may be appropriate that the Fellow be named as coauthor of the publication.

The Fellows will be chosen each spring for the following academic year. Awards will be made on the basis of the candidate's academic record and departmental recommendation, his particular interests and competence, and the availability at the College of a research project commensurate with his talents and training. Acceptance of a Fellowship does not preclude working for Honors. Since the aim of the program is to give special training to especially gifted students, the financial need of a candidate will not enter into the awarding of the Fellowships; but Fellows are obligated to refrain from all other part-time employment during the academic year.

#### LIST OF FELLOWS AND PROJECTS: 1967-1968

##### *Biology*

Robert E. Timberlake, Jr. '68, "Mechanisms of Energy Metabolism" (with Professor John L. Howland).

##### *Chemistry*

Thomas C. Rounds '68, "Problems in Rotational Isomerism" (with Professor Samuel S. Butcher).

##### *Government*

Warren I. Beckwith, Jr. '68, "Progressivism and Pacifism During the Period Around World War I" (with Professor Daniel Levine).

Peter F. Hayes '68, "The Political Development of Tanzania" (with Professor John C. Rensenbrink).

##### *Greek*

Kenneth R. Walters '68, "Irony of Inversion in Hellenistic Literature" (with Professor John W. Ambrose, Jr.).

##### *Mathematics*

Christopher H. Hanks '68, "Algebraic Number Theory" (with Professor Barry M. Mitchell).

David L. Kimport '68, "Functional Analysis" (with Professor Allan J. Silberger).

*Physics*

Stephen A. Bickford '68, "Line Intensity Studies in Magnetic Variable Stars" (with Professor William T. Hughes).

Gerald E. Jellison, Jr. '68, "Lateral Vibrations of a Free-Free, Loaded, Pivoted Bar" (with Professor Robert A. Walkling).

*Psychology*

Alan M. Fink '68, "The Effect of the Ready Signal on Conditioned Eyeblink Performance in Human Subjects" (with Professor Lawrence C. Perlmutter).

THE ALFRED O. GROSS FUND

This fund, established by Alfred Otto Gross, Ph.D., Sc.D., Josiah Little Professor of Natural Science, Emeritus, and members of his family, is designed to assist worthy students in doing special work in biology, preferably ornithology. Income from the fund may be used for such projects as research on Kent Island, travel to a given region or library for particular work, purchase of special apparatus, attendance at an ornithological congress or other scholarly gatherings, and publication of the results of research. Although the fund is administered by Bowdoin College, assistance from the fund is not limited to Bowdoin students.

BOWDOIN FATHERS ASSOCIATION FUND

A fund of \$300, an annual gift of the Bowdoin Fathers Association, is awarded under direction of the President of the College to undergraduates or graduates to enable the recipients to participate in summer research or advanced study directed towards their major field or life work. In 1967 the recipients of this award were Richard Burnham Spear '68 and Kenneth Russell Walters '68.

# Degrees Conferred in August, 1966

## MASTER OF ARTS

Robert Guy Beaven  
Graeme Arden Blake  
Ellen Esther Church  
Charles Merton Dennison  
Carolyn Neidig Foster  
Hugh Buford Hammet  
Leonard James Hassler  
Edward Sander Hoffman  
John Yung Hung  
Bradley M. Lawrence  
Frank Charles Meystrik  
Richard Owen Norman  
Howard Listcoe Walton

# Degrees Conferred in June, 1967

## BACHELOR OF ARTS

Alden Wayne Abbott	John Victor Bonneau
Lawrence Brundige Abrams III	David Paul Bottomy
Richard Phelps Allen	Daniel Ellis Boxer
Thomas Hodge Allen	Edwin Leonard Brawn
Hilton Holmes Applin, Jr. '66	Timothy French Brooks
Charles Joseph Assini, Jr.	Thomas Morgan Dechman
Eugene Charles Aubee '66	Brown
*Richard Halle Bamberger	Bruce Arthur Burton
Stephen Edward Barron	*Edward Vannevar Bush
Robert Stephen Bell	Bruce Lawrence Bushey
Douglas Paul Biklen	Richard Paul Caliri
Dana Lincoln Blanchard, Jr.	Donald Phillip Carlin
Harold Tyler Blethen III	Peter Bailey Chapman
Charles John Blumenthal	Harry Lewis Chen
Randall Ives Bond	David Comeau



Gary David Comstock	Roy Peter Hibyan
Andrew Joseph Cornella	William Patrick Hoar
Philip John Coupe	Richard William Hoen
Robert Kimball Crabtree	Gerhard Hofmann
Thomas Henry Cranshaw	Richard Paul Howe '66
Virgil Howard Cumming	*James Michael Hughes
George Stanley Cutter	David Frederic Huntington
Robert Waters Dakin	Paul Steven Hurwit
Ronald Leroy Davis	Harwood Southwick Ives '65
Theodore Edgar Davis	*Thaddeus John Keefe III
Klaus Daweke	Kevin Michael Kelaher
Leon Ashby Dickson, Jr.	*Bertrand Nelson Kendall
Robert Harold Doran, Jr.	Charles Henry King '64
Joel Gardner Duncklee	Geoffrey Charles Kollmann
Frank Wheeler Eighme	Richard Gary Kopka '66
John Maurice Emery	Sheldon Mayer Krems
Michael Swan Ethridge	Frederick James Kukiel
David Thorpe Farrell	John Robert Lawson '63
Stewart Lewis Feldman	Richard Bowdoin Lilly, Jr.
Paul Michael Fergus	Thomas Humphries Lorch
Leslie Allen Ferlazzo	Robert James Lunny, Jr.
Robert Nicolas Foster	William Arthur McAllister
Bruce William Found	Cary Nelson Mack
Sidney Alan Frank	Robert Bernard McKeagney, Jr.
Marc Burton Freedman '66	George Calvin Mackenzie
Arlan Frank Fuller, Jr.	Bruce John MacLean
David Edwards Gamper	*David Paul McNabb
Charles Edwin Gould, Jr.	*Dennis Paul McNabb
Eben Whittier Graves	David Haynes Macomber, Jr.
Henry Fox Greig	*Peter George Manolakos
Peter David Gross	Roger William Manring
Wayne Leslie Hall	Hardy John Margosian, Jr. '66
*Ruwe Halsey	James Alexander Lamond
Peter Lee Hanson	Mathers, Jr.
Mark Peter Harmon	Raymond Colby Matthews, Jr.
†Michael Duane Harmon	Peter Rowe Merry
James Brian Harris	John Howard Michelmores
Lincoln Loring Hayes	Steven Phillips Mickley
*Fred Elmore Haynes III	David George Millay
Steven Philip Heinrich	Edwin Layng Miller
William John Helfrecht, Jr. '65	Dean MacMannus Milliken
Walter Richards Hess	William David Mone
Lawrence Randolph Hibbard	Edward Parsons Moore, Jr.

William Francis Morgan, Jr.	Michael Jeffrey Samet
Paul Edward Morrissey '66	Peter Samuelsen, Jr. '66
Stephen Michael Moskell	Robert Mansfield Saunders
Anthony Leroy Moulton	John Hood Scholefield
William Fell Mowbray	David Folsom Scott
Gregory Elliott Muzzy	Richard Gordon Seagrave
Akotoh-Fonjangeh Bukwara	Jonathan Jordan Shoukimas
Mofor Elly Ndang	Kenneth Barry Slosberg
Christopher Bowen Neary '66	*Lendall Libby Smith
*Paul Wildes Newman	Mark Eliot Smith
John Akwo Ngoh	Spencer Ringgold Smith, Jr.
William Keeler Norton	Wilson Emerson Smith
Abimbola Olusoji Ogunsola	Drew Spalding
Thomas Fletcher Oxnard	Christopher Tinsman Speh
Peter George Pappas	Peter Ward Stackpole
Edward Scott Partridge	*Charles Westlund Stone
Joel Pearlman	Michael Ralph Suvalle
*Richard Edward Perks	Robert Earl Swain
Richard Steven Pike	Frank Jones Taylor
William Kenneth Poirot	*Robert Morris Teeter
Laurence Everett Pope II	Sang Il Tong
Charles Herbert Powell II	Frank James Tonge
Neville Anthony Powers '62	*Wilferd Boyce Vachon, Jr.
Carl John Puglia	John Cornelius Van Arsdale,
*Peter Quigley	Jr.
John Paul Ranahan	Richard Arthur Van Varick '66
Stephen Peter Rand	John Carsten Vorbeck '66
Campbell Cary Rea	Joseph Vincent Vumbacco
Lawrence Keller Reid	Daniel Stewart Walker
Wayne Everett Reilly	Tommy Joseph Walz
Alexander Gordon Richter	Michael Arthur Wartman
Michel Henry Ridgeway	George Dudley Welch
Judd Robbins	Harvey Bernard Wheeler
Charles Rosenberg '66	Byron Van Whitney
*Walter Rowson III	Robert Redmond Widdowson,
James Charles Roy, Jr.	Jr. '66
*Edwin Larson Russell	William August Wieners
Peter Barry Sack	Max Kurt Willscher
James Arthur Salem '66	*Jeffrey Carl Withe
Alexander Kenneth Salmela	

\* Commissioned Second Lieutenant, United States Army Reserve, June 1967.

† To be commissioned Second Lieutenant, United States Army Reserve, upon completion of 1967 Army ROTC Summer Camp.

## MASTER OF ARTS

George Bernard Allan  
Bernard Jacob Arbic  
Ryburn Dewey Bartlett  
Robert Neil Ewen

John Maurice Foley  
Omar Ellsworth Knox  
Richard Frederick Moore  
Wallace Alexander Wood

## RECIPIENTS OF HONORARY DEGREES

*Doctor of Humane Letters*

William Howard Niblock

*Doctor of Laws*

Erwin Dain Canham  
William Dunning Ireland  
Joseph Esrey Johnson  
Robert Edward Lee Strider II

*Doctor of Science*

Noel Charlton Little



# Appointments, Prizes, and Awards

## PHI BETA KAPPA ELECTIONS

### *Class of 1967*

Thomas Hodge Allen	Paul Steven Hurwit
David Paul Bottomy	Roger William Manring
Daniel Ellis Boxer	Steven Phillips Mickley
Bruce Lawrence Bushey	William David Mone
Arlan Frank Fuller, Jr.	Stephen Peter Rand
Fred Elmore Haynes III	Campbell Cary Rea
Judd Robbins	

### *Class of 1968*

James Henry Bishop	Mark Robert Tilghman Pettit,
Alan Marvin Fink	Jr.
Steven Zane Kaplan	Bailey Stillman Stone
David Lloyd Kimport	Kenneth Russell Walters

## HONORARY APPOINTMENTS

### *Summa cum laude*

Daniel Ellis Boxer	William David Mone
--------------------	--------------------

### *Magna cum laude*

Thomas Hodge Allen	Fred Elmore Haynes III
David Paul Bottomy	Roger William Manring
Bruce Lawrence Bushey	Steven Phillips Mickley
Judd Robbins	

### *Cum laude*

Richard Halle Bamberger	Robert Nicolas Foster
Douglas Paul Biklen	Arlan Frank Fuller, Jr.
Randall Ives Bond	Eben Whittier Graves
Richard Paul Caliri	Peter Lee Hanson
Gary David Comstock	Michael Duane Harmon
Andrew Joseph Cornella	William John Helfrecht, Jr. '65
Robert Kimball Crabtree	Richard William Hoen
Leon Ashby Dickson, Jr.	Paul Steven Hurwit
Joel Gardner Duncklee	Geoffrey Charles Kollmann
Leslie Allen Ferlazzo	Sheldon Mayer Krems

Frederick James Kukiel	Stephen Peter Rand
John Robert Lawson '63	Campbell Cary Rea
Richard Bowdoin Lilly, Jr.	James Charles Roy, Jr.
George Calvin Mackenzie	Edwin Larson Russell
David Haynes Macomber, Jr.	John Hood Scholefield
David George Millay	Michael Ralph Suvalle
William Fell Mowbray	Sang Il Tong
Abimbola Olusoji Ogunsola	John Carsten Vorbeck '66
Thomas Fletcher Oxnard	William August Wieners
Edward Scott Partridge	Max Kurt Willscher
Jeffrey Carl Withe	

## HONORS IN SUBJECTS AND TITLES OF THESES

ART: *High Honors*, Randall Ives Bond, *A Handbook of Greek Coins in the Bowdoin College Museum of Art.*

Gary David Comstock, *A Plan of Renewal for Brunswick, Maine.*

*Honors*, Timothy French Brooks, *A Biographical Sketch and the Art of Jean Francois Millet (1814-1875).*

Daniel Stewart Walker, *Views of Paris: Etchings and Drawings by Charles Meryon.*

BIOLOGY: *Highest Honors*, Stephen Peter Rand, *The Effect of Hydro-lapachol and NQNO on Rat Liver Mitochondria.*

*High Honors*, David Paul Bottomy, *The Importance of Cytochrome b to Calcium Ion Uptake in Rat Liver Mitochondria.*

Thomas Fletcher Oxnard, *Comparative Anatomy of the Plectognath Ear and Relation of Sound Production to Teleost Ear Anatomy.*

*Honors*, Stephen Edward Barron, *A Study of Various Aspects of the Auditory System of the Goldfish and the Herring.*

CHEMISTRY: *Honors*, Leon Ashby Dickson, Jr., *The Isolation and Identification of Natural Products from Daphne mezereum L.*

Arlan Frank Fuller, Jr., *The Absolute Configuration of Xanthinin.*

Wilson Emerson Smith, *The Reductive Cleavage of Ferrocene Derivatives.*

ENGLISH: *High Honors*, Thomas Hodge Allen, *New Knowledge of Reality: the Poetry of Wallace Stevens.*

Paul Steven Hurwit, *George Herbert, Wallace Stevens, and the Lyric Mode.*

*Honors*, James Charles Roy, Jr., *The Radical Christian Dualism of Flannery O'Connor.*

FRENCH: *Honors*, Richard William Hoen, *Léopold Sédar Senghor and Négritude*.

David Haynes Macomber, Jr., *Some Manifestations of the Ambiguity in the Works of André Gide*.

FRENCH AND SPANISH: *Honors*, Peter Barry Sack, *The Image of Spain in France from the End of the Seventeenth to the Beginning of the Nineteenth Century*.

GOVERNMENT: *High Honors*, Robert Nicolas Foster, *Self-Declaration: Problems and Potentials*.

Edwin Larson Russell, *The Commune System: An Experiment in Collectivism*.

Sang Il Tong, *The Law of Recognition as Applied to the Situation in Viet Nam*.

*Honors*, George Calvin Mackenzie, *Modern Presidential Leadership: The Effects of Television*.

Abimbola Olusoji Ogunsola, *Trade Unionism in Nigeria*.

HISTORY: *High Honors*, Fred Elmore Haynes III, *The 1965 American Intervention in the Dominican Republic: Triumph or Tragedy?*

Frederick James Kukiell, *The Twenty-Third Party Congress of the Soviet Union*.

John Robert Lawson '63, *Russian-Polish Relations from the Downfall of the Tsarist Regime to the Treaty of Riga: 1917-1921*.

*Honors*, Lawrence Brundige Abrams III, Robert Dudley, Earl of Leicester, *Courtier and Statesman*.

Douglas Paul Biklen, *U. S. Foreign Policy in Thailand*.

Harold Tyler Blethen III, *The House of Commons in 1610: New Member of the Trinity*.

Robert Waters Dakin, *Official and Public Opinion in the United States Toward the Bombing of Civilian Populations, 1935-1939*.

David Thorpe Farrell, *England and Wales Under the Major-General System, 1655-1657*.

David Frederic Huntington, *German Policy Towards Austria, 1933-1938*.

Edward Scott Partridge, *The Evolution of the French Thesis Toward Germany from the Liberation to the Reconstitution of the Federal German Republic*.

MATHEMATICS: *Honors*, Michael Ralph Suvalle, *A Computer Application of the Newton-Raphson Method*.



PHILOSOPHY: *Honors*, Robert Kimball Crabtree, *A Dialectical Prospective on the Solutions of the Problem of Freedom and Necessity in Kant, Hegel, Kierkegaard, and Tillich*.

PSYCHOLOGY: *Honors*, Sheldon Mayer Krems, *The Effect of Ready Signal Manipulations on the Conditioned Eyelid Response*.

John Hood Scholefield, *Serial Position Effects in Short-Term Recognition Memory*.

SOCIOLOGY: *High Honors*, Daniel Ellis Boxer, *A Study of Size and Autonomy in Institutions of Higher Learning*.

*Honors*, Andrew Joseph Cornella, *Prison Structure, Functions and Effectiveness*.

Leslie Allen Ferlazzo, *College Profiles: The Classes of 1937 and 1967 at Bowdoin College*.

## AWARDS

CLASS OF 1922 GRADUATE SCHOLARSHIP: Richard William Hoen.

CHARLES CARROLL EVERETT SCHOLARSHIP: Charles Richard Toomajian, Jr. '65.

GUY CHARLES HOWARD SCHOLARSHIP: Akotoh-Fonjiangeh Bukwara Mofor Elly Ntang.

HENRY W. LONGFELLOW GRADUATE SCHOLARSHIP: Francis Herbert Fuller '61.

WILMOT BROOKINGS MITCHELL GRADUATE SCHOLARSHIP: Bruce Arthur Burton.

GALEN C. MOSES GRADUATE SCHOLARSHIP: Judd Robbins.

O'BRIEN GRADUATE SCHOLARSHIPS: Marc Burton Freedman '66, Cary Nelson Mack, Abimbola Olusoji Ogunsola.

LEE G. PAUL SCHOLARSHIP: William David Mone.

NATHAN WEBB RESEARCH SCHOLARSHIP: Paul Steven Hurwit.

RHODES SCHOLARSHIP: Thomas Hodge Allen.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION SCHOLARSHIP: Thomas Hodge Allen.

BROWN MEMORIAL SCHOLARSHIPS: Sheldon Mayer Krems, Gary Alan Taylor '68, Richard Michael Ingerowski '69, Anthony Louis Esposito '70.

ALTERNATE COMMENCEMENT SPEAKER: Judd Robbins.

GOODWIN COMMENCEMENT PRIZE: Bruce Lawrence Bushey.

CLASS OF 1868 PRIZE: Richard Halle Bamberger.

ALMON GOODWIN PHI BETA KAPPA PRIZE: Kenneth Russell Walters '68.

GEORGE WOOD MCARTHUR PRIZE: Fred Elmore Haynes III.

LEONARD A. PIERCE MEMORIAL PRIZE: William David Mone.

ANDREW ALLISON HALDANE CUP: Thomas Hodge Allen.

LUCIEN HOWE PRIZE: Robert Howard Pfeiffer.

COL. WILLIAM HENRY OWEN PREMIUM: John Paul Ranahan.

FRANKLIN DELANO ROOSEVELT CUP: Nathaniel Beach Harrison '68,  
Thomas William Roulston '68.

CLASS MARSHAL: Roger William Manring.

COPELAND-GROSS BIOLOGY PRIZE: Stephen Peter Rand.

AMERICAN INSTITUTE OF CHEMISTS—STUDENT MEDAL: Leon Ashby  
Dickson, Jr.

MERCK INDEX AWARD: Arlan Frank Fuller, Jr.

PHILIP W. MESERVE PRIZE IN CHEMISTRY: Thomas Carlton Rounds  
'68.

NOYES POLITICAL ECONOMY PRIZE: Mark Cushing Bisgrove '69.

BROWN EXTEMPORANEOUS ENGLISH COMPOSITION PRIZES: 1st: Rich-  
ard Paul Caliri; 2nd: Donald Phillip Carlin.

HAWTHORNE PRIZES: David Joseph Himmelstein '68, Todd Philip  
Nolan '68.

POETRY PRIZE: Timothy O. Devlin '69.

PRAY ENGLISH PRIZE: James Charles Roy, Jr.

FORBES RICKARD, JR., POETRY PRIZES: Mwindace Nkongwa Siam-  
wiza '69, James Christopher Vest, Jr. '69.

MARY B. SINKINSON SHORT STORY PRIZES: William Carl Bechtold  
'68, Douglas Gustave Green '68.

BERTRAM LOUIS SMITH, JR., PRIZE IN ENGLISH LITERATURE: Mark  
Robert Tilghman Pettit, Jr. '68.

EDGAR O. ACHORN DEBATING PRIZES: 1st: George Steven Isaacson '70; 2nd: Clark Thomas Irwin, Jr. '70; 3rd: Bruce Edward Cain '70.

DEALVA STANWOOD ALEXANDER DECLAMATION PRIZES: 1st: Wayne Coffman Sanford '70; 2nd: Josiah Pierce '69.

BRADBURY DEBATING PRIZES: 1st Award: Brian Carey Hawkins, Joseph Vincent Vumbacco; 2nd Award: James Edward Gillen, Gary Benjamin Roberts '68.

HILAND LOCKWOOD FAIRBANKS PRIZES IN PUBLIC SPEAKING: (*English* 4) 1st Semester: David Charles Lowe '70; 2nd Semester: Steven Mark Schwartz '70; (*English* 5) Virgil Howard Logan, Jr. '69; (*English* 6) 1st: Marc David Block '69, 2nd: Gary Alan Taylor '68.

WILMOT BROOKINGS MITCHELL DEBATING TROPHY: Delta Sigma Fraternity.

GOODWIN FRENCH PRIZE: Peter Clinton Wilson '70.

EATON LEITH FRENCH PRIZE: John Stevenson Mogabgab '68.

CHARLES HAROLD LIVINGSTON HONORS PRIZE IN FRENCH: Richard William Hoen.

THE OLD BROAD BAY PRIZES IN READING GERMAN: Class A: (1) Kenneth Russell Walters '68, (2) James Edward Gillen, (3) Alan Marvin Fink '68. Class B: (1) Eben Whittier Graves, (2) Richard Arthur Van Varick '66, (3) Roger Vance Homer '70.

PHILO SHERMAN BENNETT PRIZE FOR BEST ESSAY ON PRINCIPLES OF FREE GOVERNMENT: Robert Nicolas Foster.

FESSENDEN PRIZE IN GOVERNMENT: Edwin Larson Russell.

SEWALL GREEK PRIZE: Kingsley Gordon Metz '69.

CLASS OF 1875 PRIZE IN AMERICAN HISTORY: Fred Elmore Haynes III.

HANNIBAL HAMLIN EMERY LATIN PRIZE: Peter Lee Hanson.

SEWALL LATIN PRIZE: Kingsley Gordon Metz '69.

SMYTH MATHEMATICAL PRIZE: William Keeler Norton, Christopher Howard Hanks '68, Mark Cushing Bisgrove '69.

SUMNER I. KIMBALL PRIZE FOR EXCELLENCE IN NATURAL SCIENCES: Stephen Peter Rand.





Daniel Ellis Boxer '67	Kingsley Gordon Metz '69
Bruce Lawrence Bushey '67	Steven Phillips Mickley '67
John Doble Cary '68	William Karl Moberg '69
Michael Richard Corson '69	William David Mone '67
Timothy O. Devlin '69	Robert Edward Nash '69
Ralph Gordon Eddy '69	Richard Alan Parmenter '69
William Salvatore Faraci '69	Peter Charles Partnow '68
Stephen Ferguson '69	Dennis Jon Perkins '69
Alan Marvin Fink '68	Mark Robert Tilghman Pettit, Jr. '68
Edward James Finsilver '68	Harvey M. Prager '69
Arlan Frank Fuller, Jr. '67	Stephen Peter Rand '67
John Alden Gage, Jr. '69	Campbell Cary Rea '67
Charles George Gianaris '68	Judd Robbins '67
Arthur Steven Grace '69	Gary Benjamin Roberts '68
Christopher Howard Hanks '68	Thomas Carlton Rounds '68
Peter Francis Hayes '68	Floyd Webster Rudmin '68
Fred Elmore Haynes III '67	Caulbert Bernard Ruffin III '69
Paul Steven Hurwit '67	Jay Wesley Simmons II '69
Richard Michael Ingerowski '69	James Whitman Smith '68
Gerald Earle Jellison, Jr. '68	Bailey Stillman Stone '68
Thomas Arthur Johnson '69	Richard Joseph Taylor '68
Steven Zane Kaplan '68	Robert Eugene Timberlake, Jr. '68
David Lloyd Kimport '68	Kenneth Russell Walters '68
John Charles Lawlor '69	Kenneth R. Walton '69
James William Holtman Lyon '68	Charles Evart Whitten '69
Roger William Manring '67	

# Alumni Organizations

## THE ALUMNI COUNCIL AND

## THE ALUMNI FUND

### OFFICERS OF THE ALUMNI COUNCIL

#### *President*

Roscoe C. Ingalls, Jr. '43

#### *Vice President*

Leonard W. Cronkhite, Jr. '41

#### *Treasurer*

Glenn R. McIntire '25

#### *Secretary*

Glenn K. Richards '60

### MEMBERS-AT-LARGE

#### *Term expires in 1968*

F. Erwin Cousins '24

Richard C. Bechtel '36

Jeffrey J. Carre '40

Roscoe C. Ingalls, Jr. '43

#### *Term expires in 1970*

Kenneth W. Sewall '29

Lawrence Dana '35

William S. Burton '37

C. Nelson Corey '39

#### *Term expires in 1969*

Stephen F. Leo '32

Donald F. Barnes '35

Leonard W. Cronkhite, Jr. '41

Willard B. Arnold III '51

#### *Term expires in 1971*

Malcolm E. Morrell '24

Arthur W. Keylor '42

John F. Magee '47

William D. Ireland, Jr. '49

### DIRECTORS OF THE ALUMNI FUND

Lewis V. Vafiades '42, *Chairman*

Gordon C. Knight '32, *Vice Chairman*

Robert M. Cross '45, *Secretary*

#### *Term expires in 1968*

Lewis V. Vafiades '42

#### *Term expires in 1970*

L. Robert Porteous, Jr. '46

#### *Term expires in 1969*

Gordon C. Knight '32

#### *Term expires in 1971*

Albert F. Lilley '54

#### *Term expires in 1972*

James M. Fawcett III '58

#### *Faculty Member*

Nathan Dane II '37

#### *Secretary of the Alumni Fund*

Robert M. Cross '45

#### *Alumni Secretary*

Glenn K. Richards '60



*Editor of the Bowdoin Alumnus*  
Edward Born '57

Other Council Members are the representatives of recognized local Alumni Clubs.

The officers of the Alumni Council are ex officio the officers of the Bowdoin College Alumni Association. The Council Members-at-Large, the Directors of the Alumni Fund, the Faculty Member, the Treasurer, the Secretary of the Alumni Fund, and the Alumni Secretary serve as the Executive Committee of the Council and of the Association.

#### ALUMNI CLUBS

ALBANY. *President*, R. Clifford Bourgeois '46; *Council Member*, John W. Manning '33; *Secretary*, Lewis P. Welch '54, 51 Brockley Drive, Delmar, New York 12054

ANDROSCOGGIN. *President*, Charles H. Abbott '57; *Council Member*, Shepard Lee '47; *Secretary*, William B. Skelton II '51, 465 Main Street, Lewiston, Maine 04240

AROOSTOOK COUNTY. *President*, Joseph H. McKay '42; *Council Member*, Parkin Briggs '29; *Secretary*, James D. Carr '57, 67 High Street, Houlton, Maine 04730

BALTIMORE. *President and Council Member*, Edward H. Morse '33; *Secretary*, Frank J. Vecella '54, 114 Aylesbury Road, Timonium, Maryland 21093

BOSTON. *President*, John E. Williams '42; *Council Member*, Robert R. Forsberg '53; *Secretary*, Dr. David M. McGoldrick '53, 22 Wilde Road, Wellesley, Massachusetts 02181

BRUNSWICK-BATH. *President*, Nathan W. Watson '35; *Council Member*, Emerson W. Zeitler '20; *Secretary*, Elford A. Stover, Jr. '58, 10 Valley Road, Bath, Maine 04530

BUFFALO. *Convener*, C. Russell Kellern, Jr. '52, 115 Clark Street, Orchard Park, New York 14127; *Council Member*, George F. Phillips, Jr. '54.

CAPE COD. *President*, Briah K. Connor '27; *Council Member*, Charles E. Hartshorn, Jr. '41; *Secretary*, Richard M. Hallet, Jr. '50, Piney Point, Marion, Massachusetts 02738

CENTRAL NEW YORK. *President*, Alan R. Gammon '43; *Council Member*, Thomas R. Chapman '50; *Secretary*, Col. Edward E. Hildreth '18, 122 Rigi Avenue, Syracuse, New York 13206

CHICAGO. *President*, Robert L. Patrick '45; *Council Member*, Stanley A. Sargent '35; *Secretary*, Harold S. Fish '25, 2214 Noyes Street, Evanston, Illinois 60201

CINCINNATI. *Convener and Council Member*, C. Nicholas Revelos '60, 1105 Elm Street, Cincinnati, Ohio 45210

CLEVELAND. *President*, William S. Burton '37; *Council Member*, Oliver F. Emerson II '49; *Secretary*, Hallett P. Foster '33, W. F. Todd Associates, Inc., 3592 Lee Road, Cleveland, Ohio 44120

COLUMBUS. *President*, The Reverend Roger B. Nichols '45; *Council Member and Secretary*, Jon S. Brightman '60, 364 Franklin Court, Worthington, Ohio 43085

CONNECTICUT. *President*, Welles A. Standish II '51; *Council Member*, Dr. John Shoukimas '38; *Secretary*, Robert D. Smith '60, 102 Duncaster Road, Bloomfield, Connecticut 06002

CONNECTICUT SHORE. *President*, Gordon C. Knight '32; *Council Member*, Paul Laidley, Jr. '36; *Secretary*, Philip C. Pearson, Jr. '36, 3 Barnum Avenue, Norwalk, Connecticut 06851

HAWAII. *President and Council Member*, Harry F. Forman '53; *Secretary*, Peter J. Rigby '56, 222 Aiokoa Street, Kailua, Hawaii 96734

KENNEBEC VALLEY. *President*, Jon A. Lund '51; *Council Member*, Roger A. Welch '52; *Secretary*, Leon V. Walker, Jr. '32, R.F.D. 1, Mount Vernon, Maine 04352

KNOX-LINCOLN-WALDO. *President*, W. David Verrill '50; *Council Member*, Andrew W. Williamson III '55; *Secretary*, Joseph B. Pellicani '58, 7 Masonic Street, Rockland, Maine 04841

LONG ISLAND. *President*, William H. Barney, Jr. '43; *Council Member*, Daniel L. Dayton, Jr. '49; *Secretary*, Thomas W. Howard, Jr. '39, 23 Stiles Drive, Huntington Station, New York 11746

MERRIMACK VALLEY. *President*, Eugene A. Bernardin, Jr. '47; *Council Member*, Charles G. Hatch '35; *Secretary*, Bruce H. Gower '50, 13 Argyle Street, Andover, Massachusetts 01810

MICHIGAN. *President and Council Member*, Wilson E. Born '60; *Secretary*, Capt. Wallace W. Rich '56, 1352 Grayton, Grosse Pointe Park, Michigan 48236

MILWAUKEE. *Convener and Council Member*, Thomas M. Bradford '37, 1640 Fairhaven Boulevard, Elm Grove, Wisconsin 53122

MINNESOTA. *President*, Bernard D. Barton '50; *Council Member*, Na-

- than A. Cobb '26; *Secretary*, Thomas H. Fairfield '53, Route 3, Box 312, Honeysuckle Lane, Wayzata, Minnesota 55391
- MINUTEMAN. *President*, Paul Revere, Jr. '53; *Council Member*, Robert S. Shepard, Sr. '43; *Secretary*, Farnham W. Damon '53, 49 Elsinore Street, Concord, Massachusetts 01742
- NEW HAMPSHIRE. *President*, Dr. Frederick A. Waldron '39; *Council Member*, Dr. Burton A. Nault '52; *Secretary*, Charles W. Howard II '54, The New Hampton School, New Hampton, New Hampshire 03256
- NEW YORK. *President*, Donald F. Barnes '35; *Council Member*, Dexter Foss '45; *Secretary*, Harold M. Sewall '51, 155 East 52nd Street, New York, New York 10022
- NORTH SHORE. *President*, David H. Caldwell '54; *Council Member*, James A. Whipple, Jr. '31; *Secretary*, Barrett C. Nichols, Jr. '54, 10 Bubier Road, Marblehead, Massachusetts 01945
- NORTHERN NEW JERSEY. *President and Council Member*, John H. Nichols, Jr. '49; *Secretary*, Kenneth M. Schubert '47, 5 Harvey Court, Morristown, New Jersey 07960
- OREGON. *Convener and Council Member*, Norman A. Workman '41, 4381 S.W. Fairview Boulevard, Portland, Oregon 97205
- PENOBSCOT COUNTY. *President*, Lloyd E. Willey '56; *Council Member*, Brig. Gen. Philip E. Tukey, Jr. '39; *Secretary*, Thomas E. Needham '57, 230 W. Broadway, Bangor, Maine 04401
- PHILADELPHIA. *President*, Ronald A. Golz '56; *Council Member*, Robert F. Y. Garrett III '59; *Secretary*, John A. Kreider '56, 512 Ganttown Road, Blackwood, New Jersey 08012
- PITTSBURGH. *President*, Fred R. Kleibacker, Jr. '31; *Council Member*, Frederick W. Willey '17; *Secretary*, Leslie G. Leonetti '57, 948 Lovington Drive, Pittsburgh, Pennsylvania 15216
- PORTLAND. *President*, Albert E. Gibbons, Jr. '58; *Council Member*, John A. Mitchell '50; *Secretary*, Charles L. Sawyer '58, 400 Congress Street, Portland, Maine 04111
- RHODE ISLAND. *President*, Arthur N. Davis '28; *Council Member*, Herbert Hanson, Jr. '43; *Secretary*, John R. Lingley, Jr. '60, 840 Hospital Trust Building, Providence, Rhode Island 02903
- ROCHESTER. *President*, Peter B. Hetherington '55; *Council Member*, James B. Drake '29; *Secretary*, Dean M. Wood '58, 22 Rosewood Drive, Pittsford, New York 14534



ROCKY MOUNTAIN. *President*, Joseph B. Roberts '95; *Council Member*, Oscar Swanson '30; *Secretary*, George L. Mason '41, 4510 South Huron Street, Englewood, Colorado 80110

ST. LOUIS. *Convener and Council Member*, Stephen W. Rule '58, 5159 Westminster Place, St. Louis, Missouri 63108

ST. PETERSBURG. *Convener and Council Member*, Dr. Alton S. Pope '11, 105 20th Avenue, S.E., St. Petersburg, Florida 33705

SAN FRANCISCO. *President*, Fletcher W. Means II '57; *Secretary and Council Member*, D. Bruce Alden '49, 610 Victoria Street, San Francisco, California 94127

SEATTLE. *Convener and Council Member*, M. Chandler Redman '34, 2418 Smith Tower, Seattle, Washington 98104

SOUTHERN CALIFORNIA. *President*, Marvin J. Kaitz '54; *Council Member*, William A. Dougherty '46; *Secretary*, Henry P. Dowst '54, 761 Radcliffe Avenue, Pacific Palisades, California 90274

SOUTHERN FLORIDA. *Convener and Council Member*, Virgil I. Pitstick, Jr. '50, 3800 Battersea Road, Miami, Florida 33133

SPRINGFIELD. *President*, Charles A. Bergeron, Jr. '53; *Council Member*, Paul S. Doherty '56; *Secretary*, The Reverend Daniel B. Kunhardt '49, 112 Springfield Street, Wilbraham, Massachusetts 01095

TEXAS. *Convener and Council Member*, Paul C. Young '18, 2900 Merida Street, Fort Worth, Texas 76109

VERMONT. *Convener and Council Member*, Robert D. Peakes '36, Star Route, Middlesex, Vermont 05659

WASHINGTON. *President*, Peter S. Smith '60; *Council Member*, Ernest A. Lister '37; *Secretary*, J. Robert Barlow '50, 1341 Woodside Drive, McLean, Virginia 22101

WESTERN MAINE. *President*, Robert J. Beal '51; *Council Member*, Harry F. Smith '25; *Secretary*, Davis L. Burnell '50, R.F.D. 1, New Vineyard, Maine 04956

WORCESTER. *President and Council Member*, Dr. Harold W. Stuart, Jr. '52; *Secretary*, Scott Sargent '55, 5 Adams Street, Westboro, Massachusetts 01581

YORK COUNTY. *President*, Gilbert D. Harrison, Jr. '35; *Council Member*, Lt. Col. Carroll H. Clark '21; *Secretary*, Mahlon C. Rowe '27, 111 Main Street, Springvale, Maine 04083

One of the principal sources of both endowment and income in recent years has been the Alumni; and the Alumni Fund, inaugurated in 1869 and reorganized in 1919, has contributed \$2,203,546 for the capital needs of the College and a further sum of \$2,458,942 for current expenses, as of June 30, 1967.

#### THE ALUMNI SERVICE AWARD

First established in 1932 as the Alumni Achievement Award and changed in name to the Alumni Service Award in 1953, this award is made annually to the man who, in the opinion of his fellow alumni, as expressed by the Alumni Council, best represents the alumnus whose services to Bowdoin most deserve recognition.

The recipients for the last ten years have been:

1958	Seward J. Marsh '12 and Malcolm E. Morrell '24
1959	S. Sewall Webster '10
1960	Charles A. Cary '10
1961	Frederick W. Willey '17
1962	William D. Ireland '16
1963	John C. Pickard '22
1964	Emerson W. Zeitler '20
1965	Earle S. Thompson '14
1966	Glenn R. McIntire '25
1967	Willard B. Arnold III '51

#### ALUMNI AWARD FOR FACULTY AND STAFF

The Alumni Award for Faculty and Staff was established by the Alumni Council in 1963 and is awarded each year "for service and devotion to Bowdoin, recognizing that the College in a larger sense includes both students and alumni." The Award is presented at the annual Alumni Day Luncheon in the fall and consists of a unique Bowdoin clock and a framed citation.

1963	Athern P. Daggett '25
1964	Hubert S. Shaw '36
1965	Nathaniel C. Kendrick
1966	Manton Copeland
1967	Samuel E. Kamerling

#### DISTINGUISHED BOWDOIN EDUCATOR AWARD

The Distinguished Bowdoin Educator Award was established by the Alumni Council in 1964 to recognize "outstanding achievement" in education by a Bowdoin alumnus in any field and at any

level of education—except alumni who are members of the Faculty and Staff. The Award is presented at the annual campus meeting of the Bowdoin Teachers' Club in April and consists of a framed citation and five hundred dollars.

- 1965 Wilbert Snow '07
- 1966 Frank E. MacDonald '23
- 1967 George T. Davidson, Jr. '38

## ALUMNI RECORD

The College wishes to have the most complete record possible of the addresses, occupations, and public services of its alumni. It solicits information in regard to these points as well as to matters appropriate to the *Bowdoin Alumnus*, the quarterly alumni magazine published at the College.

Communications should be addressed to the Alumni Secretary, Bowdoin College, Brunswick, Maine 04011. Alumni are particularly urged to keep the Alumni Secretary informed of any changes of address.

## THE SOCIETY OF BOWDOIN WOMEN

The Society of Bowdoin Women was formed in 1922 and is believed to be the oldest organization of its kind in existence. Its purpose, stated in its constitution, is to provide "an organization in which women with a common bond of Bowdoin loyalty may, by becoming better acquainted with the College and with each other, work together to serve the College in every possible way."

In carrying out its fourfold program, the Society has made specific gifts to the College such as silver and china for the President's house and the Dean's house, and a television set for the Infirmary. It supports an unrestricted endowment fund, the income of which amounts to over \$2,000 each year. In 1961 the Society established the Edith Lansing Koon Sills Lecture Fund, honoring Mrs. Kenneth C. M. Sills, the wife of a former president of the College. The income from this fund provides a biennial lecture on the campus by a distinguished woman. Lastly, the Society sponsors two luncheons at Commencement for all women on the campus. At the Saturday luncheon the mothers and wives of the members of the graduating class are honored guests.

Membership in the Society is open to any interested woman by the payment of annual dues of \$1.50. There are about nine hundred members in the Society, and it is their enthusiasm, together with their dues and contributions, which makes possible the Society's program.



## OFFICERS FOR 1967-1968

*Honorary President*, Mrs. James S. Coles  
*Acting Honorary President*, Mrs. Athern P. Daggett  
*President*, Mrs. Adriel U. Bird  
*Vice President*, Mrs. Vincent B. Welch  
*Secretary*, Mrs. Harry K. Warren  
*Treasurer*, Mrs. E. Leroy Knight  
*Assistant Treasurer*, Mrs. Lendall B. Knight

## BOWDOIN FATHERS ASSOCIATION

Organized in 1946, the Bowdoin Fathers Association has as its purpose "to contribute to the development and perpetuation of the spirit which has made Bowdoin the college that it is."

Since 1950 the Association has given a prematriculation scholarship, usually equal to tuition, to be awarded to a deserving candidate from outside New England. In 1962 the Association established an annual gift of \$300 to be awarded under the direction of the President of the College to undergraduates or graduates to enable the recipients to participate in summer research or advanced study directed towards their major field or life work.

An annual meeting is held in October in conjunction with Parents' Weekend, which owes its success largely to the efforts of the Bowdoin Fathers Association. All fathers of Bowdoin sons are eligible for membership in the Association. Annual dues are \$5.00 a year, and each father residing outside the continental United States or Canada is automatically an honorary member of the Association without payment of dues during the period his son is attending the College.

## OFFICERS FOR 1966-1967

*President*, Charles E. Gamper  
*Vice President*, Richard E. Webb  
*2nd Vice President*, Peter W. Princi  
*Secretary*, Edward E. Langbein  
*Treasurer*, Herbert E. Mehlhorn

# Index

- ABRAXAS AWARD, 208  
Academic Calendar, vi-viii  
Accident and Medical Insurance, 45  
Activities, Extracurricular, 186-193  
Activities Fee, 44  
Adams Hall, 30  
Adams Lecture Room, 33  
Administrative Officers, 24-27  
Administrative Offices and Office  
    Hours, 43  
Admission to College, 46-53  
    Advanced Standing, 51-52  
    Application Procedure, 49-53  
    by Examination, 47-48  
    Fee for Admission, 50  
    Interviews, 48  
    Prematriculation Scholarship Procedure, 52-53  
    School Statement, 48  
    Secondary School Studies, 46-47  
    Special Standing, 52  
    Writing Sample, 47  
Aid, Financial, 54-80  
    Basis of Award, 54-55  
    General Scholarships,  
        List of, 59-76  
    Graduate Scholarships, 76-79  
    Loan Funds, 79-80  
    Prematriculation Scholarships, 56-59  
Alumni, Total Number Living, 45  
Alumni Award for Faculty and Staff, 230  
Alumni Clubs, 226-229  
Alumni Council, 225-226  
Alumni Fund  
    Directors of, 225-226  
    Scholarships, 57  
Alumni House, 35  
Alumni Organizations, 225-229  
Alumni Record, 231  
Alumni Service Award, 230  
*Alumnus, Bowdoin*, 231  
Anthoensen Collection, 167  
Appleton Hall, 29  
Appointments, Prizes, and Awards, 217-224  
Art, Courses in, 96-99  
Art Building, Walker, 30-31  
    Notable Collections in, 172-173  
ASPAU Scholars, 189  
Astronomy, Courses in, 145  
Athletic Fields  
    Pickard Field, 32  
    Whittier Field, 31  
Athletics  
    Beginnings of, 2  
    Intercollegiate, 194  
    Intramural, 194  
BACHELORS, BOWDOIN, 175, 192  
Banister Hall, 29-30  
Berry Special Collections Suite, 42  
Biblical Literature, Courses in, 149  
Bills, College, 43-45  
    Payment of, 43  
Biology, Courses in, 99-102  
Board, Cost of, 44  
Book Funds, 168-171  
Bookstore, 187  
Botany, Course in, 101  
Bowdoin, James  
    Earliest Patron, 1  
    James Bowdoin Scholars, 223-224  
    Private Library of, 167  
Bowdoin: A Liberal College, 5-6  
Bowdoin Book Awards, 209-210  
Bowdoin *Bugle*, 192  
Bowdoin College, Historical Sketch of, 1-4  
Bowdoin Day, James, 209-210  
Bowdoin Fathers Association, 232  
    Fund, 212  
*Bowdoin Orient*, 192  
Bowdoin Plan, 189  
Bowdoin Polar Bear, Statue of, 37  
Bowdoin Prize, 198  
Bowdoin Scholarships, 56

- Bowdoin Scientific Station, 180  
 Brown Lobby, 40-41  
*Bugle*, The Bowdoin, 192  
 Buildings and Campus, 28-42  
     Map of, 28  
     Other Memorials, 36-42  
 Bureau for Research in Municipal Government, 177  
 Burnett Room, 33  
 Bursaries, 56  
  
 CALENDAR, ACADEMIC, vi-viii  
 California-Bowdoin Three-Two Plan, 93  
 Campus and Buildings, 28-42  
     Map of, 28  
     Other Memorials, 36-42  
 Capital Fund Campaign, 4  
 Catlin Path, 39  
 Center for Economic Research, 177  
 Center for Education in Politics, 179  
 Chamberlain Hall, 35  
 Chapel, 29-30  
 Charter, Excerpt from, 7  
 Chase Barn Chamber, 34  
 Chase Memorial Lamps, 39  
 Chemistry, Courses in, 102-105  
 Chimes, The College, 29  
 Class of 1875 Gateway, 36  
 Class of 1878 Gateway, 36  
 Class of 1886 Paths, 38  
 Class of 1895 Path, 37  
 Class of 1898 Bulletin Board, 37  
 Class of 1903 Gateway, 37  
 Class of 1909 Music Fund, 40  
 Class of 1909 Organ, 40  
 Class of 1910 Path, 37  
 Class of 1912 Polar Bear, 37  
 Class of 1914 Librarian's Office, 41  
 Class of 1916 Path, 38  
 Class of 1919 Path, 38  
 Class of 1924 Radio Station, 38, 192  
 Class of 1927 Room, 33  
 Class of 1928 Faculty Research Fund, 210  
 Class of 1937 Lounge, 40  
 Class of 1938 Newspaper Room, 41  
 Class of 1942 Cross, 38  
 Classes, Time and Place of, 96  
 Classics, Courses in, 105-106  
     Greek, Courses in, 105-106  
     Latin, Courses in, 106  
 Cleaveland Hall, 33  
 Cloudman Fountain, 37  
 Coe, Dudley, Infirmary, 32  
     Shumway Wing, 32  
 Coffin Reading Room, 41  
 Coleman Hall, 29  
 Coles, James Stacy  
     Administration of, 3-4  
     Excerpt from Inaugural, 7  
 College, A Liberal, 5-6  
 College Bills and Fees, 43-45  
 College Board Tests, 47-48  
 College Entrance Examination Board, 48  
 College Scholarship Service, 52-53  
 Columbia-Bowdoin Combined Plan, 93-94  
 Commencement Appointments, Prizes, and Awards, 217-224  
 Commencement Play, 174  
 Commissions, Reserve, 162-164  
 Committees  
     Faculty, 22-23  
     Governing Boards, 11-12  
 Composition, Prizes in, 203-205  
 Comprehensive Examination, 86-87  
 Computing Center, 31  
 Courses of Instruction, 96-161  
 Curricular Requirements, 81-95  
     Freshman Year, 85  
     Sophomore Year, 85-86  
 Curriculum, 81-95  
 Curriculum Committee, Student, 191  
 Curtis Memorial Organ, 29  
 Curtis Room, 41  
 Curtis Swimming Pool, 32  
  
 DANA LABORATORY, 33  
 Dane Flagpole, 39



- Dean's List, 85
- Debating, 193
  - Prizes in, 202-203
- Deficiency in Scholarship, 84
  - Fee for, 44
- Degrees
  - Conferred in August, 1966, 213
  - Conferred in June, 1967, 213-215
  - Honorary, 216
  - Requirements for, 82-85
  - Total Number Conferred, 45
  - Two-Degree Plan, 93-94
  - With Distinction, 89-90
    - Conferred in 1967, 217-218
- Departmental Honors, 89
  - Awarded in 1967, 218-220
- Development Fund, Faculty, 210
- Dining Accommodations, 187
- Director of Student Aid, 54
- Distinguished Bowdoin Educator
  - Award, 230-231
- Dormitories, 29
  - Cost of Rooms, 44
- Drama and Stagecraft, 174
  - Prizes in, 204-205
- Dudley, James Frederick, Classroom, 39
- ECONOMIC RESEARCH, CENTER FOR, 177
- Economics, Courses in, 107-110
- Education, Courses in, 110
- Employment, Part-time Student, 54-55, 196-197
- Endowment, 45
- English, Courses in, 111-115
- English Literature, Courses in, 112-115
- Entrance Examinations, 47-48
- Examinations, 84
- Expenses, College, 44-45
- FACULTY, COMMITTEES OF, 22-23
- Faculty Development Fund, 210
- Faculty Research Fund, 210
- Faculty Room, 29
- Failure in Courses, 44, 84
- Fees, 43-45
  - Activities, 44
  - Admission, 50
  - Course Deficiencies, 44
  - Room and Board, 44
  - Tuition, 44
- Fellows, Teaching, 21
- Fessenden Conference Room, 42
- Financial Aid, 54-80
- Fine Arts, The, 172-174
  - Art Collections, 172-173
  - Drama and Stagecraft, 174
  - Music, 175-176
  - Printing and Typography, 176
- Flagpole, Memorial, 37
- Foreign Language
  - for Admission, 47
  - Requirements in, 82-83
- Fraternities, 188-189
- French, Courses in, 151-154
- Freshman Electives, 85
- Freshman Requirements, 85
- Fuller Reading Room, 41
- GARCELON AND MERRITT FUND, 78
- Gardner Bench, 38
- General Information, 43-45
- General Scholarships, 59-76
- Geology, Courses in, 115-116
- German, Courses in, 117-118
- Getchell House, 34
- Gibson Hall of Music, 33
- Gibson-Bird Electric Scoreboard, 31
- Glee Club, 175, 192
- Governing Boards, 8-12
- Government and Legal Studies,
  - Courses in, 119-122
- Grades
  - Method of Computing, 84
  - Reports, 85
  - Required for Graduation, 82-84
- Graduate Scholarships, 76-79
  - Arts and Sciences, 76-78
  - Law, 78
  - Medicine, 78-79
- Grandstand, Hubbard, 31

- Greek, Courses in, 105-106  
 Gross, Alfred O., Fund, 212  
 Gymnasium, New, 36  
     Sargent, 31  
  
 HAWES MEMORIAL, 35  
 Hawthorne-Longfellow Hall, 36  
 Hawthorne-Longfellow Library, 36  
 Historical Sketch, 1-4  
 History, Courses in, 123-127  
 Hockey Arena, 34  
 Honor System, 186, 190  
 Honorary Degrees  
     Conferred in 1967, 216  
 Honors, General, 89-90  
 Honors in Subjects  
     Awarded in 1967, 218-220  
     Requirements for, 89  
 Honors Project, 88  
 Hospital, 32  
 Hubbard Grandstand, 31  
 Hubbard Hall, 31  
 Hutchinson Lounge and Terrace, 40  
 Hyde, Thomas Worcester, Athletic  
     Building, 31  
 Hyde, William DeWitt  
     Administration of, 2-3  
     Offer of the College, 7  
 Hyde Hall, 29  
  
 INDEPENDENT STUDY PROJECT, 88-89  
 Independents, 189  
 Infirmary, Dudley Coe, 32  
 Information, General, 43-45  
 Information Center, 32, 187  
 Institutes, Biennial, 183  
 Instruction  
     Courses of, 96-161  
     Officers of, 13-23  
 Interdepartmental Majors, 86  
 Interfaith Council, 193  
 Italian, Courses in, 154-155  
  
 JAMES BOWDOIN DAY, 209-210  
 James Bowdoin Scholars, 223-224  
 Johnson House, 34  
  
 KELLOGG TREE, 38  
 Kent Island Scientific Station, 180  
 Kresge Laboratory, 33  
  
 LANGUAGE LABORATORY, 33  
 LASPAU Scholars, 189  
 Latin, Courses in, 106  
 Law Scholarship, 78  
 Lectureships and Institutes, 181-185  
 Legal Studies and Government,  
     Courses in, 119-122  
 Library, 165-171  
     Book Funds, 168-171  
     Rare Book Room, 167  
 Little Bibliography and Card Cata-  
     logue Area, 41  
 Little House, 35  
 Little Ponds Wildlife Sanctuary, 40  
 Living and Dining Accommodations,  
     187  
 Loan Funds, 79-80  
  
 McCANN MUSIC LOUNGE, 40  
 McKeen, Joseph  
     Administration of, 1  
     Excerpt from Inaugural, 5  
 McLaughlin Study, 40  
 Maine Hall, 29  
 Major Course, 87  
 Major Examinations, 86-87  
 Major Requirements, 86-87  
 Major with Honors, 89  
 Majors and Minors, 86-87  
 Masque and Gown, 174, 193  
 Massachusetts Hall, 29  
 M.I.T.-Bowdoin Degrees, 94  
 Mathematics, Courses in, 127-134  
 Matriculants, 45  
 Meddiebempsters, 175, 192  
 Medical Attendance, 45  
     Accident and Medical Insurance, 45  
 Medical Scholarships, 78-79  
 Memorial Flagpole, 37  
 Memorial Hall, 30  
     Pickard Theater in, 33-34  
 Memorials, 36-42

- Military Graduates, Distinguished, 223
- Military Science, Courses in, 134-136
- Minors, 86
- Mitchell House, 35
- Mitchell Lounge, 40
- Moore Hall, 29
- Motor Vehicles, Regulation of, 45
- Moulton Union, 32, 187-188
- Student Union Committee, 188
- Municipal Government, Bureau for Research in, 177
- Museum of Art, 30-31, 172-174
- Notable Collections in, 172-173
- Music
- Concerts and Recitals, 175-176
- Glee Club, 175, 192
- Music, Courses in, 137-139
- NATIONAL SCIENCE FOUNDATION INSTITUTES
- Academic Year, 134
- Summer, 132-133, 183-184
- New Gymnasium, 36
- Nixon Lounge-Conference Room, 42
- OAKES CENTER, 34-35, 185
- Summer Lectures, 185
- Observatory, 30
- Offer of the College, 7
- Office Hours, 43
- Officers of Administration, 24-27
- Officers of Government, 8-12
- Officers of Instruction, 13-23
- Offices and Office Hours, 43
- One-Act Play Contest, 174
- Organ, Curtis Memorial, 29
- Organizations, Alumni, 225-229
- Orient, The Bowdoin*, 192
- Outing Club, 193
- Overseers, Board of, 9-11
- PACKARD, ALPHEUS SPRING, GATEWAY, 37
- Peary-MacMillan Arctic Museum, 31
- Peucinian Cup, 209
- Peucinian Room, 38
- Phi Beta Kappa, 209
- Appointments in February and June, 1967, 217
- Basis of Election, 209
- Philosophy, Courses in, 139-142
- Physical Education, 142
- Physical Education and Athletics, 194-195
- Physics and Astronomy, Courses in, 143-145
- Pickard Field, 32
- Pickard Field House, 32
- Pickard Theater in Memorial Hall, 33-34
- Pickard Trees, 39
- Pierce Reading Room, 41-42
- Pike, Sumner T., Fund, 210
- Placement Bureau, 196-197
- Placement Committees, Chairmen of, 197
- Polar Bear, Statue of, 37
- Political Forum, 193
- Politics, Center for Education in, 179
- Preengineering Programs, 93-94
- Premedical Studies, 94
- President and Trustees, 8-9
- Presidents' Gateway, 37
- President's House, 30
- Printing and Typography, 176
- Prizes and Distinctions, 198-212
- Awarded in 1967, 217-224
- Awards for Character, 205-207
- Creative Arts, 204-205
- Debating and Speaking, 202-203
- Departmental Prizes, 199-202
- Essay Prizes, 203-204
- Extracurricular Activities and Scholarship, 207-208
- General Scholarship, 198-199
- Military Prizes, 208
- Miscellaneous Prizes, 208-209
- Proctors, Board of, 191-192
- Psychology, Courses in, 146-148
- Public Affairs Research Center, 177-178



- Public Speaking  
     Courses in, 111-112  
     Prizes in, 202-203
- QUILL, 192
- RADIO, BOWDOIN-ON-RADIO (WBOR),  
     38, 192
- Rare Book Room, 167
- Refunds, 44-45
- Registration, 43
- Religion, Courses in, 148-150
- Reports of Standing, 85
- Requirements  
     Admission, 46-48  
     Courses, 82-83  
         Degree, 82-87  
         Freshmen, 85  
         Honors in Subjects, 89  
         Majors and Minors, 86-87  
     Residence, 84
- Research Assistance, Undergraduate,  
     210-212
- Reserve Commissions, 162-164
- Reserve Officers' Training Corps, 94,  
     162-164
- Residence Requirement, 84
- Resources, 45
- Rhodes Hall, 32
- Robinson, Franklin Clement, Gate-  
     way, 36
- Robinson, Warren Eastman, Gateway,  
     36
- Romance Languages, Courses in, 150-  
     156  
     French, Courses in, 151-154  
     Italian, Courses in, 154-155  
     Spanish, Courses in, 155-156
- Rooms, Applications for, 44  
     Cost of, 44
- ROTC, 94, 162-164  
     Courses in Military Science, 134-136  
     Distinguished Military Graduates,  
         223  
     Prizes in, 208  
     Scholarships, 59  
     Summer Camp, 136, 163-164
- Russian, Courses in, 156-157
- SARGENT GYMNASIUM, 31
- Schedule of Classes, 96
- Scholarships, Loans, and Financial  
     Aid, 54-80  
     Graduate Study, 76-79  
     Incoming Freshmen, 56-59  
     Law School Student, 78  
     List of, 59-80  
     Loan Funds, 79-80  
     Medical School Students, 78-79  
     ROTC, 59  
     Undergraduates, 59-76
- Scholastic Aptitude Test, 47-48
- Searles, Mary Frances, Science Build-  
     ing, 31
- Senior Center, 35  
     Program, 90-93  
     Seminars, 83, 91, 160-161
- Shumway Tree, 39
- Shumway Wing, Infirmary, 32
- Sills, Kenneth C. M., Administration  
     of, 3
- Sills Hall, 33
- Simpson Memorial Sound System, 39
- Smith Auditorium, 33
- Society of Bowdoin Women, 231-232
- Sociology, Courses in, 157-160
- Sophomore Year, Curriculum of, 85-86
- Spanish, Courses in, 155-156
- Speaking, Prizes in, 202-203
- Special Students, 52
- Speech Center, 33
- Standing, Advanced, 51-52
- State of Maine Scholarships, 56
- Statistics  
     Number of Degrees Conferred, 45  
     Number of Matriculants, 45
- Student Activities Fee, 44
- Student Book Fund, 80
- Student Council, 189-190  
     Cup, 209  
     Lectureship, 182  
     Members of, 190
- Student Curriculum Committee, 191
- Student Employment, 54-55, 196-197

- Student Judiciary Board, 190-191  
Student Life and Activities, 186-193  
Summer Institutes, 183-184  
    Courses in, 132-134  
Swan Faculty Room, 29  
Swimming Pool, Curtis Memorial, 32
- TALLMAN LECTURESHIP, 181  
    Visiting Professors on, 182  
Teaching (as a career), 95  
Teaching Fellows, 21  
Telephone Switchboard, 32, 43, 187  
Terms and Vacations, 43  
Theater, Pickard, 33-34  
Thorndike Oak, 36  
Trustees, 8-9  
Tuition, Cost of, 44  
    Method of Payment, 43  
Turner Tree, 39
- UNDERGRADUATE ACTIVITIES, 186-193  
Undergraduate Employment, 54-55,  
    196-197  
Undergraduate Research Assistance  
    Alfred O. Gross Fund, 212  
    Bowdoin Fathers Association Fund,  
        212  
    Research Fellowship Program, 210-  
        212  
Undergraduate Research Fellowship  
    Program, 210-212  
    Fellows and Projects in, 211-212  
Union, Moulton, 32, 187-188  
    Student Committee of, 188  
U. S. Army Reserve Officers' Training  
    Corps, 94, 162-164  
    Courses in Military Science, 134-136  
    Distinguished Military Graduates,  
        223  
    Prizes in, 208  
    Scholarships, 59  
    Summer Camp, 136, 163-164
- VACATIONS, 43  
Vesper Services, 186
- WALKER ART BUILDING, 30-31  
    Collections in, 172-174  
WBOR, Radio Station, 38, 192  
Wentworth Hall, 35  
Wentworth Laboratory, 33  
White Key, 193  
Whittier Field, 31  
Wilder Cataloguing Room, 41  
Winthrop Hall, 29  
Woodruff Room, 38
- YOUNG MEMORIAL FIREPLACE, 38





# Appendix

## Directory of Students

Class of 1968

Class of 1970

Class of 1969

Class of 1971

### Special Students

Candidates for the Master of Arts Degree

Students Enrolled in the Bowdoin-California Institute of  
Technology Three-Two Plan

Students Enrolled in the Bowdoin-M.I.T. Two-Degree Plan

ENROLLMENT BY CLASSES AND STATES



# Directory of Students

Fall 1967 Semester

SENIORS: Class of 1968

Adams, Charles Franklin, III	<i>Damariscotta, Me.</i>	6B Sr. Center
Anderson, Kenneth Duane	<i>Concord, Mass.</i>	5D Sr. Center
Austin, Roger Nelson	<i>Farmington, Me.</i>	11B Sr. Center
Bailey, Noel Earland	<i>Augusta, Me.</i>	13A Sr. Center
Barnhart, Howard Richman	<i>Somerville, Mass.</i>	82 Federal St.
Beaman, Thomas Brent	<i>Poughkeepsie, N. Y.</i>	9C Sr. Center
Bechtold, William Carl	<i>San Francisco, Calif.</i>	7D Sr. Center
Beckwith, Warren Irving, Jr.	<i>Glen Ridge, N. J.</i>	9C Sr. Center
Bell, Robert Lawrence, Jr.	<i>Melrose, Mass.</i>	11B Sr. Center
Benedetto, Richard Francis	<i>Lynn, Mass.</i>	10D Sr. Center
Berry, Richard Palmer, Jr.	<i>Weston, Mass.</i>	6B Sr. Center
Bickford, Stephen Andrew	<i>Rockford, Ill.</i>	14C Sr. Center
Bishop, James Henry	<i>Needham, Mass.</i>	8D Sr. Center
Bittenbender, David Chase	<i>Cleveland, Ohio</i>	9C Sr. Center
Bornstein, Neal Gerald	<i>Swampscott, Mass.</i>	13D Sr. Center
Botwick, William Stuart	<i>Paterson, N. J.</i>	5B Sr. Center
Brown, Douglas Williams	<i>Waterville, Me.</i>	11B Sr. Center
Brown, Russell Pickard	<i>South Hamilton, Mass.</i>	3B Sr. Center
Buchanan, Robert Arthur	<i>Meriden, Conn.</i>	9D Sr. Center
Butterfield, Spencer Lamont	<i>Wethersfield, Conn.</i>	9D Sr. Center
Buxton, Anthony Wayne	<i>Readfield, Me.</i>	15A Sr. Center
Cantor, Jeffrey Steven	<i>Mount Vernon, N. Y.</i>	13D Sr. Center
Caruso, Cornelius William, Jr.	<i>West Orange, N. J.</i>	12B Sr. Center
Chandler, Robert	<i>Newton, Mass.</i>	4A Sr. Center
Charles, Michael Rand	<i>Norway, Me.</i>	15C Sr. Center
Cogswell, James Alan	<i>Concord, N. H.</i>	14A Sr. Center
Collier, George Churchill, III	<i>Gladwyne, Pa.</i>	3D Sr. Center
Corey, Robert Crimmins	<i>Melrose, Mass.</i>	10C Sr. Center
Corson, Brent Alan	<i>Skowhegan, Me.</i>	12B Sr. Center
Costello, David James	<i>Wellesley Hills, Mass.</i>	13C Sr. Center
Cronin, Theodore Michael	<i>Scottsdale, Ariz.</i>	11A Sr. Center
Crouch, Rupert Baxter	<i>Glen Ellyn, Ill.</i>	5C Sr. Center
Davis, Harvey MacLean	<i>Concord, N. H.</i>	14A Sr. Center
Day, Donald William, Jr.	<i>South Portland, Me.</i>	7B Sr. Center



## Directory of Students

Delano, John Robert	Rockland, Me.	15A Sr. Center
de Saint Phalle, Fal Franklin	Port Washington, N. Y.	8D Sr. Center
Despres, John Laing	West Boxford, Mass.	10D Sr. Center
Donahue, Christopher Cunningham	Washington, D. C.	4C Sr. Center
Doughty, David Gower, Jr.	Boxford, Mass.	10D Sr. Center
Douglas, Bruce Robert	South Portland, Me.	5A Sr. Center
Drake, Robert Frederick	Framingham, Mass.	5D Sr. Center
Dunlaevy, James Williar	Cos Cob, Conn.	6A Sr. Center
Dyer, John Forrest	Auburn, Me.	11D Sr. Center
Eberhardt, Timothy Charles	Glencoe, Md.	7A Sr. Center
Edgecomb, David Peter	Lincoln, Me.	5B Sr. Center
Erikson, Robert Clifford	Burton, Ohio	7C Sr. Center
Farnum, Scott Allen	Lisbon Falls, Me.	2281½ Addison St., Lisbon Falls
Ferguson, Carroy Ugene	Columbia, S. C.	8C Sr. Center
Ferraro, Eugene	Framingham, Mass.	9A Sr. Center
Ferro, Donald Carmine	Holden, Mass.	5B Sr. Center
Fink, Alan Marvin	Milton, Mass.	9C Sr. Center
Finsilver, Edward James	St. Louis, Mo.	6C Sr. Center
Fishman, Edward Marc	Brookline, Mass.	4A Sr. Center
Flint, Gordon Alfred	Cohasset, Mass.	5B Sr. Center
Fredericks, Garret Baxter	Hollis, N. Y.	8C Sr. Center
Freeman, Chester Robert	Bath, Me.	14B Sr. Center
Fuller, Jon Richards	East Orleans, Mass.	7C Sr. Center
Gallup, Dana Taylor	Cambridge, Mass.	5A Sr. Center
Garnick, Marc Bennett	North Andover, Mass.	4B Sr. Center
Geary, John Edward	Portland, Me.	11D Sr. Center
Geddes, Robert Ray '67	Waban, Mass.	14B Sr. Center
Georgitis, James Wyman	Orono, Me.	15A Sr. Center
Gessner, James Stanton	Lancaster, N. H.	14C Sr. Center
Getsinger, John Robert	Concord, Mass.	6C Sr. Center
Gianaris, Charles George, II	Dracut, Mass.	4D Sr. Center
Giard, Robert James	Marlboro, Mass.	10A Sr. Center
Gillen, James Edward '67	Los Angeles, Calif.	3A Sr. Center
Glazer, Martin Alan	Brookline, Mass.	226 Maine St.
Golder, Paul Lewis	Newton, Mass.	8B Sr. Center
Goldfarb, James Richard	St. Louis, Mo.	12B Sr. Center
Gordon, Ira Joel	Westbury, N. Y.	3C Sr. Center
Green, Douglas Gustave	Chevy Chase, Md.	7C Sr. Center

## *Directory of Students*

Green, Kenneth Richard	<i>Brookline, Mass.</i>	10A Sr. Center
Gross, Steven Alan	<i>Sharon, Mass.</i>	4A Sr. Center
Hacker, Elliot	<i>Lawrence, Mass.</i>	9B Sr. Center
Hanks, Christopher Howard	<i>Woodstock, N. Y.</i>	14A Sr. Center
Harrison, Nathaniel Beach	<i>Lexington, Mass.</i>	7A Sr. Center
Hatch, Willard Russell	<i>Winchester, Mass.</i>	8D Sr. Center
Hawk, Robert Leeson	<i>Del Mar, Calif.</i>	8C Sr. Center
Hayes, Peter Francis	<i>Framingham, Mass.</i>	13A Sr. Center
Hayes, Robert Edward, Jr.	<i>Detroit, Mich.</i>	7B Sr. Center
Head, Charles Nield	<i>Stamford, Conn.</i>	15D Sr. Center
Himmelstein, David Joseph	<i>Swampscott, Mass.</i>	4B Sr. Center
Hindson, David Alan	<i>Albany, N. Y.</i>	4D Sr. Center
Hoke, John Larry	<i>Casper, Wyo.</i>	14D Sr. Center
Holmes, Peter Hoyt	<i>Hyde Park, Mass.</i>	11C Sr. Center
Isaacs, John Loeb	<i>Scarsdale, N. Y.</i>	15B Sr. Center
Janjigian, Albert Sarkis	<i>Watertown, Mass.</i>	82 Federal St.
Jellison, Gerald Earle, Jr.	<i>Bucksport, Me.</i>	13B Sr. Center
Jenkins, Frank Robert	<i>New York, N. Y.</i>	15B Sr. Center
Jensen, Egon Peter, Jr.	<i>Belmont, Mass.</i>	9D Sr. Center
Johnson, Paul Roy	<i>East Braintree, Mass.</i>	14B Sr. Center
Jonas, Gordon Keith	<i>Richmond, Va.</i>	7B Sr. Center
Jones, Robert David, Jr.	<i>Scranton, Pa.</i>	3D Sr. Center
Jones, Robert Lincoln '67	<i>Avon, Conn.</i>	
	RFD #1, Highland Rd.	
Kaplan, Steven Zane	<i>Springfield, Mass.</i>	13A Sr. Center
Karlsson, Paul Herbert	<i>New York, N. Y.</i>	14D Sr. Center
Keating, John Geoffrey	<i>Greenville, Miss.</i>	4D Sr. Center
Kelley, Erle Ransom	<i>West Southport, Me.</i>	8D Sr. Center
Kimport, David Lloyd	<i>Newcastle, Wyo.</i>	12D Sr. Center
Kosmo, Thomas Michael	<i>Braintree, Mass.</i>	7A Sr. Center
LaChance, John Howard	<i>Framingham, Mass.</i>	8B Sr. Center
Lakin, Robert Fillmore	<i>Wellesley Hills, Mass.</i>	6B Sr. Center
Lassila, Alan Rudolf	<i>Fitchburg, Mass.</i>	9A Sr. Center
LeBlanc, James Richard	<i>Fitchburg, Mass.</i>	76 Maine St.
Leonard, Michael Ross	<i>Boothbay Harbor, Me.</i>	5C Sr. Center
Levi, Donald Stanley	<i>Portland, Me.</i>	8A Sr. Center
Lister, Douglas William	<i>Stoneham, Mass.</i>	15B Sr. Center
Locke, Leonard Bruce	<i>Melrose, Mass.</i>	13A Sr. Center
Lyon, James William Holtman	<i>Washington, D. C.</i>	12A Sr. Center
Macallister, Robert David	<i>Osterville, Mass.</i>	2A Potter St.

## Directory of Students

McConnell, Nicholas Stillwell	<i>Gray, Me.</i>	11C Sr. Center
McCowan, Dennis Evan	<i>West Chester, Pa.</i>	8B Sr. Center
Macdonald, Douglas Edward	<i>Cohasset, Mass.</i>	9B Sr. Center
McMullen, William Russell	<i>Upper Montclair, N. J.</i>	4D Sr. Center
Mason, Jean Francis	<i>St. Louis, Mo.</i>	10C Sr. Center
Mather, David John	<i>Sarasota, Fla.</i>	10B Sr. Center
Melzig, Eric Perry	<i>Huntington, N. Y.</i>	7D Sr. Center
Merrill, Robert Arthur	<i>Gardiner, Me.</i>	56 Church St., Gardiner
Miles, William Carpenter	<i>Dover, Mass.</i>	10C Sr. Center
Miller, Geoffrey Arnold	<i>Newton Centre, Mass.</i>	13C Sr. Center
Mogabgab, John Stevenson	<i>New Canaan, Conn.</i>	11C Sr. Center
Mohnkern, Kent Wesley	<i>Braintree, Mass.</i>	6B Sr. Center
Monroe, Michael Francis	<i>Lynn, Mass.</i>	11A Sr. Center
Morris, Michael Carleton	<i>Wilmington, Del.</i>	14D Sr. Center
Munday, Howard Emil	<i>Topsfield, Mass.</i>	10D Sr. Center
Murinon, Donald Scott	<i>Portland, Me.</i>	6C Sr. Center
Neuren, Alan Peter	<i>Columbus, Ga.</i>	3C Sr. Center
Newell, Stewart Palmer	<i>Pittsburgh, Pa.</i>	5C Sr. Center
Newman, Henry Ware, II	<i>Lexington, Mass.</i>	5D Sr. Center
Nicholis, George Ronald	<i>Lynn, Mass.</i>	13D Sr. Center
Norris, Stephen Clifford	<i>Warwick, R. I.</i>	11C Sr. Center
Osborn, Michael Everett	<i>Presque Isle, Me.</i>	10B Sr. Center
Page, Fred Tefft	<i>Meriden, Conn.</i>	9D Sr. Center
Parker, Robert Stephen	<i>North Andover, Mass.</i>	13B Sr. Center
Partnow, Peter Charles	<i>Framingham, Mass.</i>	12C Sr. Center
Patterson, Robert Bruce, Jr.	<i>Medford, Mass.</i>	11A Sr. Center
Payson, Kenneth Haskell	<i>Worcester, Mass.</i>	9B Sr. Center
Petit, Michael Roland	<i>Brunswick, Me.</i>	2B Potter St.
Pettit, Mark Robert Tilghman, Jr.	<i>Waterbury, Conn.</i>	12C Sr. Center
Polisner, Jonathan Duane	<i>Portland, Me.</i>	8A Sr. Center
Pollock, Alan Albert	<i>South Orange, N. J.</i>	4B Sr. Center
Pulsifer, Stephen Mackintosh	<i>Brunswick, Me.</i>	3A Sr. Center
Quincy, Daniel Alexander	<i>Boston, Mass.</i>	3C Sr. Center
Quinn, Ralph Horton	<i>Narragansett, R. I.</i>	10B Sr. Center
Raffetto, Roger Walter	<i>Red Bank, N. J.</i>	11A Sr. Center
Ramistella, John Morgan	<i>Waterford, Conn.</i>	13B Sr. Center
Randall, Robert Ephraim Belcher	<i>Halifax, Mass.</i>	15C Sr. Center



## Directory of Students

Read, Charles Richard	<i>Boyertown, Pa.</i>	12C Sr. Center
Rector, John Mayo, Jr.	<i>Washington, D. C.</i>	13C Sr. Center
Rettman, Herman Simon	<i>Canton, Ohio</i>	4C Sr. Center
Rice, Michael Frank	<i>Chicago, Ill.</i>	14C Sr. Center
Richards, Jeffrey Codet	<i>Westport, Conn.</i>	6A Sr. Center
Roberts, Gary Benjamin	<i>Levittown, Pa.</i>	12C Sr. Center
Ross, Edward Lorraine	<i>Gloucester, Mass.</i>	11B Sr. Center
Ross, Jonathan Woodman	<i>New Canaan, Conn.</i>	3B Sr. Center
Ross, Paul Brian	<i>Northampton, Mass.</i>	3C Sr. Center
Roulston, Thomas William	<i>Milton, Mass.</i>	3A Sr. Center
Rounds, Thomas Carlton	<i>Portland, Me.</i>	5A Sr. Center
Rudmin, Floyd Webster	<i>Plattsburgh, N. Y.</i>	14B Sr. Center
Rundlett, Ellsworth Turner, III	<i>Brighton, Mass.</i>	9B Sr. Center
Russell, Roland James, III	<i>West Simsbury, Conn.</i>	13B Sr. Center
Ryder, John David	<i>East Hartford, Conn.</i>	12 Page Street
St. Mary, Jonathan Lawrence '67	<i>Pittsford, N. Y.</i>	15C Sr. Center
Sandstrom, Edward Oliver, Jr.	<i>Groton, Mass.</i>	3D Sr. Center
Scharer, Dennis Robert	<i>Palos Verdes Estates, Calif.</i>	7D Sr. Center
Schiller, Myles Stuart	<i>Belle Harbor, N. Y.</i>	5D Sr. Center
Seibel, Robert Franklin	<i>Fair Lawn, N. J.</i>	9A Sr. Center
Sessions, Horace Rochester, Jr.	<i>Baltimore, Md.</i>	10A Sr. Center
Shepard, William Howard, Jr.	<i>Bangor, Me.</i>	15C Sr. Center
Sides, Thomas Beecher	<i>Southport, Conn.</i>	6A Sr. Center
Sidman, Ronald Jeffrey	<i>Milton, Mass.</i>	9A Sr. Center
Smith, David Roy	<i>Ogunquit, Me.</i>	7C Sr. Center
Smith, James Whitman	<i>Cumberland Center, Me.</i>	14A Sr. Center
Soule, David Bradford, Jr.	<i>Wiscasset, Me.</i>	11D Sr. Center
Soule, Morton Gilmore	<i>Wiscasset, Me.</i>	11D Sr. Center
Spear, Richard Burnham	<i>Bath, Me.</i>	15D Sr. Center
Stone, Bailey Stillman	<i>Newmarket, N. H.</i>	15D Sr. Center
Strauss, William Edward	<i>Swampscott, Mass.</i>	4B Sr. Center
Taylor, Gary Alan	<i>Portland, Me.</i>	6C Sr. Center
Taylor, Richard Joseph	<i>Bangor, Me.</i>	8A Sr. Center
Thompson, Lloyd Bryan, III	<i>Edina, Minn.</i>	10B Sr. Center
Timberlake, Robert Eugene, Jr.	<i>Cumberland Center, Me.</i>	8B Sr. Center
Tomellini, John Edward	<i>Pawtucket, R. I.</i>	8A Sr. Center
Towle, Gary Leroy	<i>Portland, Me.</i>	7B Sr. Center
True, Robert Goward	<i>Framingham, Mass.</i>	3B Sr. Center

## Directory of Students

Vanderwaart, Peter Hammond	Bedminster, N. J.	15B Sr. Center
Viens, Maurice Roger, Jr. '67	South Portland, Me.	53 Pleasant St.
Wales, Stephen Wallace '67	Marblehead, Mass.	20A Elm St., Topsham
Walters, Kenneth Russell	Chelmsford, Mass.	15D Sr. Center
Watson, Thomas Meister	Pittsburgh, Pa.	15A Sr. Center
Webb, Richard Drew Silver	New York, N. Y.	12A Sr. Center
Wehmann, Robert Emmett	Chappaqua, N. Y.	14C Sr. Center
Whipple, John Aldrich	Marblehead, Mass.	5A Sr. Center
Williams, John David	Wauwatosa, Wis.	12A Sr. Center
Wilson, Dana Richard	Wilton, Conn.	6A Sr. Center
Windeler, Douglas Henry	New York, N. Y.	7D Sr. Center
Winkeller, Mark Joel	Newtonville, Mass.	13C Sr. Center
Winnick, Jeffrey Mark	Bloomfield, Conn.	4A Sr. Center
Winston, Reed Alan	South Bend, Ind.	76 Maine St., Apt. 11
Yancey, George Fleming Tagger, Jr.	North Rose, N. Y.	78 Maine St.
Yaw, Robert Eugene, II	Cedar Rapids, Iowa	3A Sr. Center
Zetlan, Howard Alan	Salem, Mass.	13D Sr. Center

## Fall 1967 Semester

### JUNIORS: Class of 1969

Abbott, Donald Charles	Natick, Mass.	ΘΔΧ House
Abbott, Stephen Frost	Wellesley, Mass.	3 McLellan St., Apt. 3
Abernathy, Walter Corbett	Lynn, Mass.	AKΣ House
Anderson, Richard Warren	Lynn, Mass.	AKΣ House
Anthony, David Chace, Jr.	East Providence, R. I.	ΘΔΧ House
Babcock, William Lane, Jr.	Wilmington, Del.	ΔKE House
Bailey, Arnold Basset	Franeestown, N. H.	AKΣ House
Ballinger, Kenneth Everett, Jr.	Basking Ridge, N. J.	ΦΔΨ House
Banton, Stephen Chandler	St. Louis, Mo.	262 Maine St.
Barney, James Mason	Hamilton, Mass.	AKΣ House
Barron, Alan Mark	Chelsea, Mass.	APY House
Battilana, John Thomas	Westbury, N. Y.	ΨΥ House
Bellamy, Cole Chandler	Mansfield, Mass.	27 Hyde
Bereika, Gerald Michael	Whitman, Mass.	ΘΔΧ House
Bernstein, Bradley Alan	Brooklyn, N. Y.	17 Hyde
Berry, Ralph Lincoln, III	Cornish, Me.	15 Winthrop

## Directory of Students

Best, Roger Charles	Syosset, N. Y.	ΣN House
Bisgrove, Mark Cushing	Brunswick, Me.	1 Maine
Black, Barry Harvey	Medford, Mass.	AKΣ House
Blackwood, Robert Stuart, Jr.	South Portland, Me.	27 Appleton
Blaisdell, Bruce Goodridge	York, Me.	5 Appleton
Bowdoin, Everett Seavey, Jr.	Lynnfield, Mass.	222 Maine St.
Brandenburg, John Gifford	Washington, D. C.	ΔKE House
Briasco, Louis Bruno	Winchester, Mass.	XΨ Lodge
Bright, Kayode Ishmael	Freetown, Sierra Leone	APY House
Brightman, Mark Buffington	Seekonk, Mass.	XΨ Lodge
Brown, Edward James, Jr.	Eastham, Mass.	7 Potter St.
Brown, Kendall Harold	Bucksport, Me.	ΦΔΨ House
Bryson, Roger Wright, Jr.	Watertown, Conn.	ΔKE House
Bulow, David Lawrence	Trumbull, Conn.	7 Potter St.
Campagna, Gary David	Needham Heights, Mass.	BΘΠ House
Campbell, Paul Hudson, Jr.	Tenafly, N. J.	19 Coleman
Carvin, Robert Howard	Stoughton, Mass.	ΣN House
Caswell, Claude Edgar	Gray, Me.	ZΨ House
Chandler, Barry David	Portland, Me.	25 Appleton
Clark, Michael Archibald Campbell	Scarsdale, N. Y.	BΘΠ House
Clayborne, John Lee	New York, N. Y.	9 Hyde
Cole, Kenneth Merle, III	Bernardsville, N. J.	ΘΔX House
Cooper, John Davidson	Baltimore, Md.	BΘΠ House
Corrigan, Michael Thomas	Gorham, N. H.	ΦΔΨ House
Corson, Michael Richard	Watchung, N. J.	15 Winthrop
Corson, Neal Craig	Madison, Me.	APY House
Cousens, Merrill Carl	Gardiner, Me.	ΔΣ House
Cummings, Russell Edwin	North Scituate, R. I.	ΘΔX House
Currie, Allan Drew	Belmont, Mass.	XΨ Lodge
Cutter, Erland Alfred	Westbrook, Me.	ΔΣ House
Dane, Joseph Anderson	South Harpswell, Me.	19 Appleton
Davidson, Richard George	Conway, N. H.	AΔΦ House
DeCicco, Alfred Louis	Stafford Springs, Conn.	27 Appleton
DeTroy, Peter John, III	Brunswick, Me.	226 Maine St.
Devlin, Timothy O.	Pasadena, Calif.	ΔΣ House
Dinsmore, Charles Earle	Springvale, Me.	BΘΠ House
Donahue, Walter Scott, III	Pawtucket, R. I.	AΔΦ House
Downes, Richard Earle, Jr.	Auburn, Mass.	1 Hyde
Dowse, Leonard Huntress, Jr.	Weston, Mass.	21 Appleton



## Directory of Students

Dreyer, William Wade, Jr.	Salisbury, Md.	APY House
Driscoll, Peter Edson	Rowayton, Conn.	ΑΔΦ House
Eddy, Ralph Gordon	East Woodstock, Conn.	ΔΣ House
Eisenhauer, Eric Robert	Barrington, R. I.	ΘΔΧ House
Emus, David Herbert	Foxboro, Mass.	ZΨ House
Ervin, Robert	Waterville, Me.	25 Winthrop
Esposito, Mark Joseph	Orange, Conn.	82 Federal St.
Faraci, William Salvatore	Bradford, Mass.	ΔKE House
Farwell, Newton Charles	Auburn, Me.	ΔΣ House
Fasulo, Michael Arthur	Portland, Me.	ΨΥ House
Femino, Dominic Arthur, Jr.	Salem, Mass.	AKΣ House
Fenton, Charles Ellis	San Francisco, Calif.	ΘΔΧ House
Fenton, Nathaniel Rochester	Bar Harbor, Me.	ΘΔΧ House
Ferguson, Stephen	Cranford, N. J.	7 Appleton
Field, Rodger Carson	Braintree, Mass.	23 Hyde
Fisher, Hugh Albert George	Winchester, Mass.	AKΣ House
Forsberg, David Paul	Worcester, Mass.	ZΨ House
Foss, John Chadbourn	South Freeport, Me.	ΔKE House
Fowler, John Palmer	Cape Elizabeth, Me.	AKΣ House
Garland, James Prentice, II	Washington, D. C.	ΔKE House
Gauron, Paul Richard	Amesbury, Mass.	1 Winthrop
Georgitis, William Johnson	Orono, Me.	ZΨ House
Gibson, William Lancelot	Salem, Mass.	AKΣ House
Gilman, Owen Winslow, Jr.	Farmington Falls, Me.	ΦΔΨ House
Goodnow, Thomas Bayard	Moorestown, N. J.	29 Hyde
Goodof, David Alan	Waterville, Me.	ZΨ House
Graham, David Kenneth	Gorham, Me.	XΨ Lodge
Griffin, Bruce Stephen	Haverhill, Mass.	ΔΣ House
Guignard, Michael James	Biddeford, Me.	APY House
Gunter, John Henry, Jr.	Woburn, Mass.	XΨ Lodge
Haley, David Francis	Machias, Me.	ZΨ House
Hardy, Peter Carl	Waltham, Mass.	270 Maine St.
Harrison, Jeffrey Chisholm	Brookline, Mass.	ΨΥ House
Havey, Dwight Gray	Machias, Me.	ZΨ House
Hopkins, Stephen Craig '67	Plainfield, N. J.	8 Potter St.
Horsburgh, Kenneth Phillip, Jr.	Shaker Heights, Ohio	ZΨ House
Hosmer, James Reed	Marblehead, Mass.	AKΣ House
Howes, William Grant, III	Hyannis, Mass.	25 Winthrop
Hubbard, Hylan Thomas, III	Lynchburg, Va.	187 1/2 Pleasant St.
Hutchinson, Dennis James	Boulder, Colo.	1 Longfellow Ave.
Ives, Robert Emmel	New Haven, Conn.	17 Hyde Hall
Jackson, Drew Francis	Waltham, Mass.	32 Winthrop
Johnson, Glen Ralph	Santa Fe, N. M.	26 Boody St.

## Directory of Students

Johnson, Lewis Chamberlayne	<i>Topsham, Me.</i>	ΨΥ House
Jordan, Bruce Christopher	<i>Winchester, Mass.</i>	XΨ Lodge
Keene, John Tracy, Jr.	<i>Gloversville, N. Y.</i>	7 Maine
Kelley, William Edwin, Jr.	<i>Wellesley Hills, Mass.</i>	ΑΔΦ House
Ketaineck, Stephen Robert	<i>West Haven, Conn.</i>	19 Moore
Knight, David Linvill	<i>Memphis, Tenn.</i>	21 Appleton
Kozik, John Stanley	<i>Bristol, Me.</i>	Box 36, Bristol
Krol, John Francis	<i>Waltham, Mass.</i>	32 Winthrop
Lawlor, John Charles	<i>Dover, N. H.</i>	ΔΣ House
Levine, Philip Lawrence	<i>Portland, Me.</i>	1 Coleman
Libby, Glenn Francis	<i>Cohasset, Mass.</i>	AKΣ House
Logan, Virgil Howard, Jr.	<i>Dayton, Ohio</i>	ΨΥ House
London, Howard Bernard	<i>Milton, Mass.</i>	26 Appleton
Lutte, Kenneth Arthur	<i>Fryeburg, Me.</i>	XΨ Lodge
McArthur, Paul Truxton	<i>Delmar, N. Y.</i>	ΦΔΨ House
McCroskery, Peter Allan	<i>Stamford, Conn.</i>	ΦΔΨ House
McCullough, John Everett	<i>Rye, N. Y.</i>	ΔΣ House
McDade, Michael William	<i>Cornish, Me.</i>	165 Park Row
MacDermid, Bruce Galbraith	<i>West Hartford, Conn.</i>	ΔKE House
McFarland, Edward James, Jr.	<i>Scarborough, Me.</i>	1 Coleman
McGuirk, Robert Alan	<i>Hingham, Mass.</i>	ΒΘΠ House
Mackenzie, John Michael	<i>Rowley, Mass.</i>	1 Appleton
Markel, Brett Jay	<i>Kenmore, N. Y.</i>	XΨ Lodge
Marshall, Howard Joseph	<i>Middleboro, Mass.</i>	13 Hyde
Martin, George Henry, Jr.	<i>Danvers, Mass.</i>	XΨ Lodge
Martin, Kenneth McGeoch, III	<i>Framingham, Mass.</i>	270 Maine St.
Matorin, Peter Seymour	<i>Riverdale, N. Y.</i>	24 Maine
Merchant, Berkeley Thorne	<i>Honolulu, Hawaii</i>	165 Park Row
Mersereau, Richard Alan	<i>Hamilton, Mass.</i>	XΨ Lodge
Metz, Kingsley Gordon	<i>Freeport, N. Y.</i>	15 Moore
Michener, Roger Edward '68	<i>Stirling, N. J.</i>	76 Federal St.
Mikulak, Ronald Joseph	<i>Metuchen, N. J.</i>	ΦΔΨ House
Moberg, William Karl	<i>Gorham, Me.</i>	XΨ Lodge
Montgomery, Timothy John	<i>South Weymouth, Mass.</i>	ΣN House
Mooney, Dennis Joseph	<i>Portsmouth, N. H.</i>	ZΨ House
Moran, Frederic Elder	<i>Hingham, Mass.</i>	ΔKE House
Morris, Peter Charles	<i>Bridgton, Me.</i>	7 Maine
Mouradian, George Vahan	<i>Brunswick, Me.</i>	32 School St.
Musco, Charles Steven	<i>Arlington, Mass.</i>	15 Moore
Nash, Robert Edward	<i>Cleveland Heights, Ohio</i>	ZΨ House
Neher, Andrew Maysilles	<i>Wellesley, Mass.</i>	1 Moore
Nelson, Harold Bernhard, Jr.	<i>Cranston, R. I.</i>	23 Hyde
Nelson, Thomas Glenn	<i>Essex Fells, N. J.</i>	ΘΔX House



# Directory of Students

Niles, Lawrence James	Portland, Me.	XΨ Lodge
Nolan, Todd Philip '68	New Bedford, Mass.	APY House
Norton, Philip William	South Portland, Me.	AKΣ House
Novick, James Landa	Brooklyn, N. Y.	ΔΣ House
Ortman, Glen Lee	Williamstown, Mass.	ΑΔΦ House
Ossoff, Robert Henry	Beverly, Mass.	AKΣ House
O'Toole, Lawrence George	Winchester, Mass.	XΨ Lodge
Pagar, David Martin	New Britain, Conn.	26 Appleton
Parker, Charles Ellington, III	Leonia, N. J.	ZΨ House
Parmenter, Richard Alan	Centerville, Mass.	17 Winthrop
Parsons, Jonathan Day	Gloucester, Mass.	XΨ Lodge
Parsons, Theophilus, Jr.	Woodstown, N. J.	ΦΔΨ House
Paulding, Richard Lawrence	Cohasset, Mass.	AKΣ House
Pearce, Douglas Arthur	Williamsville, N. Y.	ΦΔΨ House
Perkins, Dennis Jon	Bath, Me.	8 Potter St.
Pierce, James Alan, Jr.	East Rochester, N. Y.	APY House
Pierce, John Winthrop	South Portland, Me.	AKΣ House
Pierce, Josiah	New York, N. Y.	22 McKen St.
Pope, Ralph Hawkins	Canton, Mass.	BΘΠ House
Pratt, Benjamin Remington, Jr.	Schuylerville, N. Y.	ZΨ House
Princi, Michael John	Winthrop, Mass.	1 Moore
Pritchard, John Francis	Old Greenwich, Conn.	ΔΣ House
Rachlin, Robert Wolf	Syosset, N. Y.	ΔKE House
Ramsay, Philip David	Dexter, Me.	23 Moore
Rea, Fred Campbell	Cartersville, Va.	ΔKE House
Reed, Edgar Moore	West Hartford, Conn.	ΔKE House
Reed, Stephen Douglas	Newcastle, Me.	ΔKE House
Reed, Stephen Lombard	West Bridgewater, Mass.	270 Maine St.
Rhodes, William Michael	Glens Falls, N. Y.	19 Appleton
Roderick, Charles Richard	East Providence, R. I.	23 Moore
Rogers, Timothy Gordon	Morristown, N. J.	BΘΠ House
Rowe, Kenneth Evans	Belmont, Mass.	BΘΠ House
Ruffin, Caulbert Bernard, III	Chevy Chase, Md.	23 Winthrop
Rust, David Dugal	Cohasset, Mass.	13 Moore
Rutherford, John Curtis	Lexington, Mass.	ΔΣ House
Ryan, John Edward	Brunswick, Me.	19 Coleman
Sabasteanski, Frank Fabean, Jr.	Brunswick, Me.	5 Berry St.
Sabin, Timothy Allen	Brunswick, Me.	80 Federal St.
Samp, John Barnes	Cambridge, Mass.	ΔKE House
Sanford, Barry John	Derby, Conn.	ΘΔX House
Scalise, James Joseph	New Britain, Conn.	ΘΔX House
Schultz, John Ganley	York, Pa.	29 Hyde



## Directory of Students

Sewall, Richard Stephen	Waterville, Me.	ΘΔΧ House
Sewall, Stephen Arthur	Orono, Me.	ΣΝ House
Sheehy, Thomas Joseph, III	Roslyn Heights, L. I., N. Y.	ΘΔΧ House
Shone, Ronald Hamilton '67	Scituate, Mass.	ΑΚΣ House
Siamwiza, Mwindaace Nkongwa	Choma, Zambia	5 Appleton
Simmons, Jay Wesley, II	Wilmington, Del.	ΣΝ House
Simmons, Walter Warren	North Quincy, Mass.	17 Appleton
Skillings, John Carver	Holden, Mass.	ΧΨ Lodge
Smith, Judson Darryl	Bangor, Me.	ΘΔΧ House
Smith, Richard Warren	Bath, Me.	ΔΣ House
Smyth, Robert William	Westbrook, Me.	ΔΣ House
Spencer, Richard Harold, Jr.	Cumberland Foreside, Me.	Curtis Pool
Stocking, Frederick Burgin	Beloit, Wis.	ΑΡΥ House
Sullivan, David Mark	Amherst, Mass.	ΔΚΕ House
Sullivan, Joseph Timothy, Jr.	Wellesley Hills, Mass.	7 Potter St.
Sutherland, Alec Dean	Newton Centre, Mass.	ΑΚΣ House
Talbot, James Rich, III	East Machias, Me.	ΨΥ House
Taverna, Michael Anthony	Arlington, Mass.	29 Hyde
Tenney, Michael	Newport, N. H.	9 Hyde
Thompson, Stephen Tiffany	Colebrook, Conn.	ΑΡΥ House
Tootell, Gregory Alan	Branford, Conn.	ΣΝ House
Trecartin, Stephen Hurlburt '66	Lubec, Me.	17 Moore
Tulonen, Rodney Arthur	Fitchburg, Mass.	17 Maine
Van Varick, David '68	Oradell, N. J.	15 Coleman
Walker, Bryant Anthony	New Haven, Conn.	ΘΔΧ House
Walsh, Barent Warren	Amherst, N. H.	ΑΔΦ House
Walton, Kenneth R.	Seal Harbor, Me.	ΘΔΧ House
Webb, Michael Terry	Pittsburgh, Pa.	ΒΘΠ House
Weld, Stephen Minot, Jr.	Milton, Mass.	ΑΡΥ House
Whitten, Charles Evart	Lincoln, Me.	ΣΝ House
Wilkes, Greg Stuart	Stamford, Conn.	ΔΚΕ House
Williams, Frederick Marc	Meadville, Pa.	Curtis Pool
Williams, William Harrison	Bernardsville, N. J.	ΑΔΦ House
Woodman, Robert Blaine	Wellesley, Mass.	1 Hyde
Workman, Stephen Banfield	Portland, Ore.	7 Appleton
Wormell, Richard Leroy	Portland, Me.	ΑΚΣ House
Zottoli, Steven Jaynes	Scituate, Mass.	82 Federal St.

# Directory of Students

## Fall 1967 Semester

### SOPHOMORES: Class of 1970

Adelson, Jacob David	Swampscott, Mass.	16 Moore
Alward, Francis Hervet	Walpole, Mass.	22 Appleton
Astbury, Carroll Dana	South Penobscot, Me.	ΣN House
Auld, James Alan	Pittsburgh, Pa.	12 Coleman
Bahnson, Alfred Blalock	Pittsburgh, Pa.	ΘΔX House
Barbour, Richard Keith	Shelburne Falls, Mass.	13 Hyde
Barr, Richard Danforth	Glen Head, L. I., N. Y.	ΨY House
Barton, Paul Hamilton	Rockland, Me.	ΦΔΨ House
Batista, Paul Amandio	Milford, Mass.	31 Maine
Becker, David Pillsbury	Castleton-on-Hudson, N. Y.	ΦΔΨ House
Beslity, Steven John '69	Port Washington, N. Y.	ΘΔX House
Best, Malcolm James	Montevideo, Uruguay	7A Sr. Center
Beyer, Edmund Brand '69	Milton, Mass.	ΑΔΦ House
Boothby, Charles Moore	Fryeburg, Me.	5 Coleman
Bowie, James Milton	Lisbon, Me.	23 Maine
Bradley, Joel Chandler	Westwood, Mass.	BΘΠ House
Bragdon, Bruce Richard	Needham, Mass.	BΘΠ House
Brendler, Robert Alston	Pelham, N. Y.	ΨY House
Brennan, Timothy Robert '69	Bangor, Me.	ΨY House
Broomell, John Lupton	Spring House, Pa.	BΘΠ House
Buchbinder, Stephen Jerome	Newton Centre, Mass.	21 Maine
Buckley, Frederick Oliver, Jr.	Marblehead, Mass.	27 Coleman
Buening, Bruce Harold	Bayside, Wis.	ΣN House
Bullard, David Emerson	Cumberland, R. I.	ΨY House
Burke, Timothy Joseph	Montpelier, Vt.	ΑΔΦ House
Burr, James Hugh	Alexandria, Va.	ΦΔΨ House
Burt, Edward Howland, Jr.	Weston, Mass.	ΦΔΨ House
Cain, Bruce Edward	Newton Centre, Mass.	6 Maine
Calareso, Joseph Anthony	West Roxbury, Mass.	6 Appleton
Calitri, Ronald Mitchel	Putnam Valley, N. Y.	20 Winthrop
Caraganis, Lewis Nicholas	Winthrop, Me.	ΔKE House
Card, Richard Howard	Cranston, R. I.	ΑΔΦ House
Carnes, David Richard	Stamford, Conn.	25 Appleton
Chase, Leon Grover, II	Belmont, Mass.	ΑΔΦ House
Christie, William Young	Springfield, Mass.	ΨY House
Christy, Roland Everett, Jr.	Portland, Me.	25 Moore

## Directory of Students

Clapp, Charles Himes	<i>Natick, Mass.</i>	ΣN House
Cole, John Bradford	<i>Dedham, Mass.</i>	ΑΔΦ House
Corcoran, David Jeffrey	<i>Swampscott, Mass.</i>	29 Coleman
Crichton, Gordon Christopher	<i>South Acton, Mass.</i>	ΑPY House
Crispin, Richard Carleton	<i>Needham, Mass.</i>	15 Hyde
Cross, Jeffrey Parkman	<i>Guilford, Me.</i>	ΨY House
Cuneo, Kenneth Allan	<i>Kennebunk, Me.</i>	ZΨ House
Cutler, Howard Stephen	<i>Quincy, Mass.</i>	27 Coleman
Darling, Gregory Joseph	<i>Greenwich, Conn.</i>	ΑPY House
Day, Henry Philips, Jr.	<i>St. Louis, Mo.</i>	27 Hyde
Delahanty, John David	<i>Lewiston, Me.</i>	ΑΚΣ House
Demenkoff, John Haynes	<i>New Paltz, N. Y.</i>	ZΨ House
Denoncour, Michael Bernard	<i>Biddeford, Me.</i>	ΒΘΠ House
Devine, Stephen Michael	<i>North Reading, Mass.</i>	13 Appleton
Dewar, Cameron Kennedy	<i>North Weymouth, Mass.</i>	ΒΘΠ House
Dodd, Gilbert Blake	<i>Bethlehem, Pa.</i>	9 Appleton
Dow, Bruce Campbell	<i>Augusta, Me.</i>	ΑPY House
Dublirer, Brian	<i>Brooklyn, N. Y.</i>	23 Coleman
Eddy, Robert Francis	<i>Melrose, Mass.</i>	ΨY House
Edinger, Donald Danforth, Jr.	<i>East Rutherford, N. J.</i>	ΣN House
Eliason, Clifton George	<i>Dighton, Mass.</i>	5 Winthrop
Ellerhorst, Richard Halsey	<i>Westfield, N. J.</i>	9 Appleton
Emerson, Jeff Douglas	<i>Teaneck, N. J.</i>	7 Winthrop
Engleman, Mark Francis	<i>Wayne, N. J.</i>	ΦΔΨ House
Erkkinen, John Francis	<i>Maynard, Mass.</i>	ZΨ House
Esposito, Anthony Louis	<i>Portland, Me.</i>	ΨY House
Evans, Lester Jaeger	<i>Waltham, Mass.</i>	ΔΣ House
Fagan, Paul McGovern	<i>Wilton, Conn.</i>	XΨ Lodge
Ficker, Robert Kim	<i>Kennebunkport, Me.</i>	15 Coleman
Ford, Eugene Earl, Jr.	<i>Farmington, Me.</i>	ΣN House
Fulton, Bruce Edward	<i>Syracuse, N. Y.</i>	ΑΔΦ House
Garroway, Michael Laszlo	<i>New York, N. Y.</i>	10 Appleton
George, Harry Allan	<i>Evanston, Ill.</i>	XΨ Lodge
Glazer, Robert Stuart	<i>Huntington, N. Y.</i>	ΑPY House
Gleason, David Clarke	<i>Waldoboro, Me.</i>	XΨ Lodge
Grenon, Peter Reading	<i>Pascoag, R. I.</i>	ΔΣ House
Guyette, David Martin	<i>Mountain Lakes, N. J.</i>	ΒΘΠ House
Ham, Thomas Ewing	<i>Wauseon, Ohio</i>	23 Appleton
Hamilton, Bruce Edward	<i>Springfield, Pa.</i>	15 Appleton
Hamlin, Neil Harris	<i>Milo, Me.</i>	ZΨ House
Harding, Ralph Lyman, III	<i>New Canaan, Conn.</i>	ZΨ House
Hardy, Erland Borrner	<i>Waltham, Mass.</i>	ΒΘΠ House



## Directory of Students

Hardy, Stephen Hall	Waltham, Mass.	BΘΠ House
Harkness, Loring Edwards, III	Mountain Lakes, N. J.	23 Maine
Harknett, Dana Russell	North Edgecomb, Me.	9 Coleman
Harvey, Thomas Edward	Greenland, N. H.	ΣN House
Harwood, Lawrence Dana	Bingham, Me.	23 Winthrop
Hastings, Samuel Thomas	Bass River, Mass.	29 Maine
Hatch, Charles Gilbert, Jr.	Andover, Mass.	ΔKE House
Hearne, Stephen Merrill	Salisbury, Md.	ZΨ House
Henderson, Lloyd Norris	Conway, N. H.	ΑΔΦ House
Hill, Thomas Weston	Altoona, Pa.	ΑΔΦ House
Holmes, John Charles	Cincinnati, Ohio	23 Appleton
Homer, Roger Vance	Arlington, Mass.	ΦΔΨ House
Hovhanesian, Jeffrey Garabed	Worcester, Mass.	ΣN House
Hudson, David Reger	Brookline, Mass.	BΘΠ House
Irwin, Clark Thomas, Jr.	Westbrook, Me.	ΑPY House
Isaacson, George Steven	Auburn, Me.	6 Appleton
Ives, Howard Rollin, III	Portland, Me.	ΨY House
Jacobs, Jeffrey Arthur	Orrington, Me.	ΔΣ House
Jarvis, Allan Perley, Jr.	West Newbury, Mass.	11 Maine
Jerue, Richard Thomas	Providence, R. I.	ΑΔΦ House
Jessel, Alfred Jacobsen	Boulder, Colo.	ΔΣ House
Joiner, Ronald Earl, Jr.	Portland, Ore.	ΦΔΨ House
Joseph, Jon Arlington	Wellesley, Mass.	BΘΠ House
Kallina, Emanuel John, II	Baltimore, Md.	BΘΠ House
Kapitula, John Andrew, Jr.	Meriden, Conn.	XΨ Lodge
Karakashian, Gregory Vahe	Reading, Mass.	ΔKE House
Karlsson, Keith Edward	New York, N. Y.	ΦΔΨ House
Katzenberg, Frederick	New Rochelle, N. Y.	ΣN House
Kelley, Mark Elbridge, III	Hampton Falls, N. H.	ΑΔΦ House
Kennedy, Stephen William	Cleveland Heights, Ohio	XΨ Lodge
Knowles, Robert William	Marblehead, Mass.	XΨ Lodge
Kolod, Alan	Shaker Heights, Ohio	ZΨ House
Konieczko, Daniel Stanley	North Monmouth, Me.	XΨ Lodge
Kornetsky, Kenneth Mark	Milton, Mass.	5 Winthrop
Kotkas, Kalevi Eero	Penns Grove, N. J.	XΨ Lodge
Kubetz, Bernard Jerome	Mt. Kisco, N. Y.	8 Maine
Lampert, Richard Paul	Brunswick, Me.	Church Rd.
Lane, Anthony Charles	Andover, Mass.	13 Coleman
Lang, Stephen Bickford	West Barrington, R. I.	ΨY House
Lea, Thomas Nalle	Princeton, N. J.	ΨY House
LeGrow, Allan Wesley	North Reading, Mass.	ZΨ House
Levine, Mark Stuart	Portland, Me.	16 Moore
Lidman, Kenneth Samuel	Newton, Mass.	8 Maine

## Directory of Students

Liffmann, John Sumner	<i>Lawrence, Mass.</i>	ΔΣ House
Lowe, David Charles	<i>Sanford, Me.</i>	ΔΣ House
Lyman, Frederick Wellington	<i>Lake Forest, Ill.</i>	29 Maine
McAvoy, Michael Robert	<i>Riverside, Conn.</i>	XΨ Lodge
MacDermid, Robert Galbraith,	<i>West Hartford, Conn.</i>	ΔKE House

### III

McEniry, Philip Laurence	<i>Scarsdale, N. Y.</i>	6 Winthrop
McGrath, John Hutchins	<i>Baldwin, N. Y.</i>	29 Moore
McMann, Peter Leonard	<i>Bath, Me.</i>	9 Coleman
Mahan, Douglas Williamson	<i>New York, N. Y.</i>	ΨΥ House
Marchetti, Ronald Lee	<i>Meriden, Conn.</i>	ΑΔΦ House
Marjerison, Thomas Sydney, III	<i>Andover, Mass.</i>	226 Maine St.
Maxwell, Robert Kenneth	<i>Natick, Mass.</i>	BΘΠ House
Mayo, Wayne Alan	<i>Ellsworth, Me.</i>	29 Moore
Mazareas, James	<i>Lynn, Mass.</i>	AKΣ House
Meade, Daniel Allen	<i>Dover-Foxcroft, Me.</i>	ΔΣ House
Mercurio, Robert Dennis	<i>New Hyde Park, N. Y.</i>	APY House
Merrell, Bruce Rowland	<i>West Concord, Mass.</i>	ΣN House
Mickley, Richard Somers	<i>Belmont, Mass.</i>	BΘΠ House
Miller, August Charles, III	<i>Middletown, R. I.</i>	APY House
Miller, Richard Copeland	<i>Weston, Mass.</i>	BΘΠ House
Minihane, William Michael	<i>South Portland, Me.</i>	ΣN House
Minot, Edward Otis	<i>Lexington, Mass.</i>	ΦΔΨ House
Mitchell, Brian Patrick	<i>Lynn, Mass.</i>	25 Coleman
Mitchell, Donald Charles	<i>Longmeadow, Mass.</i>	10 Appleton
Mitchell, John Dale	<i>Gorham, Me.</i>	APY House
Mleczko, Thomas Allison	<i>Lawrence, N. Y.</i>	BΘΠ House
Morley, Richard Edward	<i>New Britain, Conn.</i>	XΨ Lodge
Moses, Paul Andrew	<i>Fair Lawn, N. J.</i>	31 Maine
Nevels, Joel Putnam	<i>Honolulu, Hawaii</i>	ΨΥ House
Newman, Robert Stanley	<i>Bangor, Me.</i>	AKΣ House
Nilson, Richard Edwin	<i>Bloomfield, Conn.</i>	15 Hyde
Noiles, Daniel Ashton	<i>New Canaan, Conn.</i>	ΔΣ House
Olson, John Wesley	<i>Belmont, Mass.</i>	25 Moore
Osadca, Modest Severin	<i>Passaic, N. J.</i>	19 Winthrop
Paglia, Larry Michael	<i>Framingham, Mass.</i>	ΨΥ House
Pekrul, Frederick Raymond, Jr.	<i>New Hartford, Conn.</i>	APY House
Peters, Theodore Downey	<i>Cooperstown, N. Y.</i>	ΣN House
Plagenhoef, Thomas Jay	<i>Amherst, Mass.</i>	ΨΥ House
Plaut, Walter Newman, Jr.	<i>Rowayton, Conn.</i>	ΑΔΦ House
Plourde, Steven Harold	<i>Lynn, Mass.</i>	APY House
Price, George Walter	<i>Clinton, Me.</i>	ΣN House
Putterman, Lawrence	<i>Norwalk, Conn.</i>	21 Moore



## *Directory of Students*

Ramsdell, Eric Clayton	<i>Lebanon, N. H.</i>	17 Moore
Redman, Joseph Parker	<i>Portland, Me.</i>	15 Maine
Reichel, Jeffrey Eugene	<i>Wayzata, Minn.</i>	ΔKE House
Reitz, Walter Lee, III	<i>Alexandria, Va.</i>	ΦΔΨ House
Remis, Leon Lawrence	<i>Peabody, Mass.</i>	11 Coleman
Renfrew, Roger Alexander	<i>Northfield, Vt.</i>	BΘΠ House
Rice, Arthur Patrick	<i>Holliston, Mass.</i>	ΑΔΦ House
Riddle, Jeremiah Richard	<i>Lake Forest, Ill.</i>	ΦΔΨ House
Roberts, Boyd, II	<i>Beverly, Mass.</i>	13 Coleman
Rodgers, John William	<i>Bloomfield, Conn.</i>	ΦΔΨ House
Rowe, Larry Emerson	<i>St. Johnsbury, Vt.</i>	ZΨ House
Rowe, Lee Dickinson	<i>Reading, Pa.</i>	ΑΡΥ House
Rustari, Steven John	<i>Fitchburg, Mass.</i>	21 Moore
Ryan, Thomas Aquinas	<i>Lowell, Mass.</i>	AKΣ House
Sanford, Wayne Coffman	<i>El Paso, Tex.</i>	ΨΥ House
Santos Flores, Byron Antonio	<i>Guatemala City, Guatemala</i>	ΔΣ House
Schuster, Peter Louis	<i>Cheshire, Conn.</i>	ΑΡΥ House
Schuyler, Michael Allan	<i>Hartford, Conn.</i>	20 Winthrop
Schwartz, Steven Mark	<i>Dresher, Pa.</i>	6 Maine
Segal, Rubin Gerald	<i>Portland, Me.</i>	ΨΥ House
Sewall, Douglas Mark	<i>Orono, Me.</i>	ΣN House
Sheehy, John Paul	<i>Roslyn Heights, N. Y.</i>	ΘΔΧ House
Sherman, Paul Leslie, Jr.	<i>North Edgecomb, Me.</i>	15 Appleton
Shesler, Carl Laurence	<i>Thomaston, Me.</i>	ΣN House
Showalter, Douglas Keith	<i>New London, Conn.</i>	XΨ Lodge
Siegle, John Harrison	<i>Westwood, Mass.</i>	ΘΔΧ House
Sievertsen, Grant Dean, Jr.	<i>Chicago, Ill.</i>	ΑΔΦ House
Simon, George Edward	<i>Beverly, Mass.</i>	11 Coleman
Siskind, David Arthur	<i>Swampscott, Mass.</i>	12 Coleman
Snyder, Mark Bennett	<i>Newton, Mass.</i>	BΘΠ House
Spencer, John Shafer	<i>Barrington, R. I.</i>	ΘΔΧ House
Spill, Richard Stephen	<i>Biddeford, Me.</i>	22 Appleton
Sterio, James Frederick	<i>Lynn, Mass.</i>	25 Coleman
Sternburg, Jon Kogod	<i>Washington, D. C.</i>	21 Maine
Stevens, Barry Alan	<i>Randolph, Mass.</i>	BΘΠ House
Strasbaugh, Wayne Ralph	<i>Emmaus, Pa.</i>	ΑΡΥ House
Stuart, Robert Allan, Jr.	<i>Springfield, Ill.</i>	11 Maine
Sweeney, Robert Charles	<i>Penns Grove, N. J.</i>	ΘΔΧ House
Tallow, Steven Rodd	<i>West Hartford, Conn.</i>	ΔΣ House
Tate, Harrison, Jr.	<i>Greenville, S. C.</i>	13 Moore
Taylor, John Claridge	<i>Philadelphia, Pa.</i>	44 Harpswell St.
Taylor, Matthew, Jr.	<i>Framingham, Mass.</i>	ΔKE House



## *Directory of Students*

Taylor, Stephen Douglas	<i>Tyngsboro, Mass.</i>	ΔΣ House
Tomlinson, Dale Henry	<i>Andover, Mass.</i>	13 Appleton
Tracy, David Allan	<i>Meriden, Conn.</i>	6 Winthrop
Travers, Sumter Lee, Jr.	<i>Upland, Calif.</i>	ΦΔΨ House
Turner, Alexander MacGregor	<i>Providence, R. I.</i>	ΨΥ House
Turner, George Scothorne	<i>Yarmouth, Me.</i>	A Coleman
Varney, Peter Fred	<i>Rochester, N. H.</i>	APY House
Vaughan, Robert Hallowell	<i>Harborside, Me.</i>	ΣN House
Wainer, William Edward	<i>Brunswick, Me.</i>	ΣN House
Waldron, Richard William	<i>Concord, N. H.</i>	XΨ Lodge
Walker, Thomas Stuart	<i>Melrose, Mass.</i>	A Coleman
Warren, Timothy Matlack, Jr.	<i>Concord, Mass.</i>	ΔΣ House
Warwick, Willard Pearson	<i>Hamilton, Mass.</i>	5 Coleman
Watkins, Thomas Henry, Jr.	<i>Upper Darby, Pa.</i>	7 Winthrop
Weafer, Donald Francis, Jr.	<i>Westwood, Mass.</i>	ΔΣ House
Weiss, John David	<i>Memphis, Tenn.</i>	BΘΠ House
Whitcomb, Benjamin Bradford,	<i>West Hartford, Conn.</i>	ΔKE House
III		
Wilson, Barry Leslie	<i>South Portland, Me.</i>	ΔΣ House
Wilson, Peter Clinton	<i>New London, Conn.</i>	ΣN House
Wisniewski, Joseph Mark, Jr.	<i>Manchester, N. H.</i>	ZΨ House
Young, Norbert Wilfred, Jr.	<i>Pittsfield, Me.</i>	ΦΔΨ House
Young, Robert MacLeod, Jr.	<i>Cumberland, Me.</i>	AKΣ House

## Fall 1967 Semester

### FRESHMEN: Class of 1971

Abbott, Richard Newton, Jr.	<i>Natick, Mass.</i>	22 Moore
Adams, Stuart Henry, Jr.	<i>Washington, D. C.</i>	32 Maine
Adams, Walter Allen, III	<i>Seekonk, Mass.</i>	3 Appleton
Albanese, John Duke	<i>East Providence, R. I.</i>	22 Coleman
Almy, Robert Christopher	<i>Malvern, Pa.</i>	4 Maine
Alt, Christopher Boyden	<i>Winchester, Mass.</i>	9 Moore
Amrol, John William	<i>Concord, N. H.</i>	10 Coleman
Applin, Stewart George	<i>Saco, Me.</i>	B Coleman
Armstrong, Robert Weeks, III	<i>Winchester, Mass.</i>	3 Moore
Asatrian, John Walter	<i>Cranston, R. I.</i>	31 Appleton
Auditore, Gregory	<i>Arlington, Mass.</i>	8 Appleton
Auer, Arthur Fredric	<i>Killingworth, Conn.</i>	C Coleman
Baker, James Patrick	<i>Franklin, Mass.</i>	26 Coleman
Barnes, Parker Loring, Jr.	<i>Lincoln, Me.</i>	14 Winthrop
Barnhart, Peter Douglas	<i>Ambler, Pa.</i>	26 Winthrop

## *Directory of Students*

Bass, John Russell, II	Wilton, Me.	4 Appleton
Batt, Charles Andrew	Glens Falls, N. Y.	14 Moore
Beaudoin, Roland	Sanford, Me.	2 Winthrop
Beckler, William Arthur, III	Walpole, Mass.	32 Moore
Beckwith, Joel	Concord, Mass.	11 Winthrop
Beem, Gary Preston	New Britain, Conn.	29 Winthrop
Belcher, George Ambrose, Jr.	Somerset, Mass.	3 Maine
Bell, Harvey Ira	Lewiston, Me.	31 Winthrop
Bell, Joel Mitchell	Bridgeport, Conn.	8 Winthrop
Benson, John Wallace	Whitman, Mass.	28 Appleton
Bergeron, Robert Joseph	Lewiston, Me.	8 Coleman
Berreth, David Scott	Oakland, N. J.	11 Winthrop
Berry, Thomas Joseph, Jr.	Contoocook, N. H.	31 Coleman
Bevan, Roger Sawyer	Lexington, Mass.	21 Coleman
Bird, Douglas Emery	Vassalboro, Me.	16 Maine
Blackburn, William Stewart	Medomak, Me.	18 Maine
Blake, Arthur Frederick	Basking Ridge, N. J.	4 Maine
Blesoff, Marc Samuel	Medford, Mass.	3 Hyde
Block, James Donald	Bloomington, Minn.	10 Coleman
Bolduc, Raymond Noel	Skowhegan, Me.	17 Coleman
Bond, Charles Cameron, Jr.	Saco, Me.	26 Moore
Bradeen, David Alan	Cincinnati, Ohio	20 Moore
Branting, William Sumner	Milton, Mass.	28 Hyde
Breed, Richard Phillips, III	Swampscott, Mass.	11 Moore
Brewer, John Michael	Copake, N. Y.	30 Coleman
Briggs, Gary Christian	Mahtomedi, Minn.	6 Moore
Brown, Bruce Row, Jr.	Framingham Center, Mass.	14 Appleton
Brucker, Phillip Frederick	Valley Cottage, N. Y.	19 Hyde
Brundage, Peter Montgomery	Montclair, N. J.	2 Moore
Bubier, Thomas Atwood	West Acton, Mass.	27 Winthrop
Buckley, Stephen, Jr.	Boston, Mass.	13 Maine
Burrage, Frederick Robinson	Cape Elizabeth, Me.	5 Hyde
Butler, Eldridge	Mt. Vernon, Ala.	16 Winthrop
Campbell, David William	Canton, Mass.	2 Maine
Canfield, Wesley Kenneth	Clinton, N. Y.	19 Maine
Cappellini, Alfred John, Jr.	North Weymouth, Mass.	24 Appleton
Caras, Richard Alan	Swampscott, Mass.	4 Hyde
Carey, Stephen Joseph	Jamaica Plain, Mass.	13 Maine
Carey, Thomas Stephen	Rumford, Me.	12 Maine
Carpenter, Robert Brent	Newton Highlands, Mass.	4 Winthrop

## *Directory of Students*

Carter, Steven Chandler	<i>West Upton, Mass.</i>	28	Winthrop
Cary, Michael Scott	<i>Washburn, Me.</i>	20	Maine
Casey, Dennis John	<i>Melrose, Mass.</i>	8	Hyde
Charity, Carlton Terrell	<i>Richmond, Va.</i>	22	Winthrop
Chase, Lloyd Wesley	<i>Norridgewock, Me.</i>	2	Appleton
Chase, Mark Irwin	<i>Enfield, N. H.</i>	10	Hyde
Chouinard, Raymond Arthur	<i>Beverly, Mass.</i>	3	Winthrop
Cohan, Lawrence David	<i>Merrick, N. Y.</i>	16	Winthrop
Cook, John Frederick, Jr.	<i>Little Silver, N. J.</i>	20	Maine
Cooper, Michael David	<i>Hallowell, Me.</i>	2	Winthrop
Cornetta, John Mark	<i>East Walpole, Mass.</i>	8	Hyde
Cotton, Leonard Wright	<i>Rye, N. Y.</i>	4	Winthrop
Coverdale, Miles, Jr.	<i>Brookville, N. Y.</i>	10	Moore
Covill, Randall Jorde	<i>Newburyport, Mass.</i>	D	Coleman
Craig, John Hodgman, Jr.	<i>Massapequa, N. Y.</i>	32	Appleton
Cuneo, Mark Loring	<i>Kennebunk, Me.</i>	13	Winthrop
Cutten, Gordon Richard	<i>Kittery, Me.</i>	18	Hyde
Darrow, James Dougal	<i>Winnetka, Ill.</i>	14	Moore
Dawe, Roger William	<i>Swansea, Mass.</i>	16	Coleman
Delaney, George Daniel	<i>Pittsburgh, Pa.</i>	19	Hyde
Dematatis, Chris Gus	<i>Washington, D. C.</i>	E	Coleman
Demeter, Harry Dean	<i>Boston, Mass.</i>	19	Maine
Dennett, Douglas Edward	<i>Dixfield, Me.</i>	31	Coleman
Dobbins, Albert Andrew	<i>Reading, Mass.</i>	30	Winthrop
Donovan, Dana John	<i>Toronto, Ont., Canada</i>	30	Hyde
Drummond, Tucker Coffin	<i>Falmouth, Me.</i>	18	Moore
Dunlap, Mark Elliot	<i>Skowhegan, Me.</i>	5	Moore
Edkins, Simon Pierpoint	<i>Lynnfield, Mass.</i>	30	Maine
Ellis, Peter Richard	<i>Seaford, N. Y.</i>	10	Winthrop
Ferreira, Anthony	<i>Swansea, Mass.</i>	16	Coleman
Finniss, James Vincent	<i>Salem, Mass.</i>	26	Hyde
Fisher, Donald Lloyd	<i>Longmeadow, Mass.</i>	4	Moore
Fonville, John Seymour, Jr.	<i>Norfolk, Va.</i>	12	Appleton
Forest, Nicholas Andrew	<i>Cedar Grove, Me.</i>	18	Coleman
Foulkes, Richard Donald, Jr.	<i>Lynnfield, Mass.</i>	8	Moore
Frailey, Peter	<i>Concord, Mass.</i>	24	Hyde
Frederick, David Scott	<i>Glens Falls, N. Y.</i>	28	Maine
Friedlander, Martin	<i>Woodbury, N. Y.</i>	2	Hyde
Fulchino, Stephen Andrew	<i>Everett, Mass.</i>	18	Maine
Gavett, Franklin Philip, Jr.	<i>South Portland, Me.</i>	16	Appleton
Gibson, Peter Manning	<i>Salem, Mass.</i>	21	Winthrop
Gilbert, Terrence Patrick	<i>Dexter, Me.</i>	20	Coleman
Glinick, Stephen Ernest	<i>Islip, N. Y.</i>	6	Hyde



## *Directory of Students*

Good, Carter Crittenden	<i>Washington, D. C.</i>	20	Appleton
Good, Edward Matthew	<i>Warwick, R. I.</i>	3	Appleton
Goralnick, Harold Mark	<i>Haverhill, Mass.</i>	11	Appleton
Gordon, David Frank	<i>Lynn, Mass.</i>	27	Maine
Gordon, Stephen Reed	<i>Kennebunk, Me.</i>	25	Hyde
Griggs, George Eastman, III	<i>Katonah, N. Y.</i>	11	Moore
Grimes, Gordon Francis	<i>Dover, N. H.</i>	5	Maine
Haley, Mark Layton	<i>Andover, Mass.</i>	12	Winthrop
Hall, Robert Joseph, Jr.	<i>Cohasset, Mass.</i>	16	Hyde
Hanscom, Stephen Weston	<i>Sanford, Me.</i>	28	Winthrop
Hanson, Jeffrey Alan	<i>Brockton, Mass.</i>	31	Hyde
Harpin, William Charles	<i>Newport, R. I.</i>	32	Hyde
Harrington, Michael Gerald	<i>Salem, Mass.</i>	3	Hyde
Hatch, Jonathan Daniel	<i>Andover, Mass.</i>	21	Hyde
Heller, James Michael	<i>Brockton, Mass.</i>	2	Appleton
Hines, Ronald Leon	<i>New York, N. Y.</i>	24	Moore
Huleatt, Thomas Robert, III	<i>West Hartford, Conn.</i>	18	Hyde
Hunt, Timothy Lee	<i>Minnetonka, Minn.</i>	11	Hyde
Hurd, Paul William, II	<i>Bath, Me.</i>	21	Winthrop
Jackson, Michael Brooks	<i>Reading, Mass.</i>	14	Coleman
Janson, Gregory Roger	<i>Winchester, Mass.</i>	11	Appleton
Johnson, Kent William	<i>Fairfax, Va.</i>	5	Maine
Johnson, Robert Cecil, Jr.	<i>Roxbury, Mass.</i>	30	Moore
Johnson, Steven George	<i>Kennebunk, Me.</i>	3	Coleman
Jolles, Leonard Stephen	<i>Chestnut Hill, Mass.</i>	9	Moore
Keefe, Francis Joseph, Jr.	<i>Southboro, Mass.</i>	30	Moore
Keith, Thomas Montgomery	<i>Watertown, Mass.</i>	28	Coleman
Kelleher, Alfred Brian	<i>Pound Ridge, N. Y.</i>	28	Hyde
Keohane, John Joseph	<i>Arlington, Mass.</i>	12	Hyde
Kern, Stephen Bonney	<i>Portland, Me.</i>	7	Coleman
Kessler, John Christian	<i>Falls Church, Va.</i>	3	Moore
Korstad, Peter Alan	<i>Chevy Chase, Md.</i>	20	Appleton
Kullen, Robert Arthur	<i>Milton, Mass.</i>	8	Moore
LaDouceur, Guy Paul, Jr.	<i>Westbrook, Me.</i>	16	Appleton
LaFauci, David Michael	<i>Arlington, Mass.</i>	12	Hyde
Lamprey, Robert James, III	<i>Moultonboro, N. H.</i>	26	Maine
Lancaster, Kevin Michael	<i>Hamilton, N. Y.</i>	8	Coleman
Langerman, Frederick	<i>New Haven, Conn.</i>	14	Maine
Larrabee, Owen Wesley	<i>Lewiston, Me.</i>	16	Maine
Lavery, James Michael	<i>Ossining, N. Y.</i>	17	Coleman
Legere, Robert Thomas	<i>Fitchburg, Mass.</i>	24	Coleman
LeGrow, Richard James	<i>North Reading, Mass.</i>	10	Winthrop

## Directory of Students

Leonard, Richard Stockford	<i>Wellesley, Mass.</i>	18	Winthrop
Lever, William Hall	<i>Auburn, Me.</i>	4	Coleman
Levine, Bruce Clyde	<i>Silver Spring, Md.</i>	2	Maine
Linnell, Raymond, Jr.	<i>South Boston, Mass.</i>	6	Coleman
Lockhart, Hugh William	<i>Madison, N. J.</i>	5	Moore
Loring, William Ellsworth, III	<i>Falmouth Foreside, Me.</i>	32	Hyde
Lovett, Herbert Joseph, Jr.	<i>Saugus, Mass.</i>	29	Winthrop
Lyman, David Blaine	<i>Medfield, Mass.</i>	21	Hyde
McClellan, John Francis	<i>Weymouth, Mass.</i>	24	Appleton
McDonald, Patrick Joseph	<i>Ellsworth, Me.</i>	F	Coleman
MacKinnon, Douglas Mark	<i>Lebanon, N. H.</i>	26	Coleman
McPhillips, John Cornelius	<i>Glens Falls, N. Y.</i>	28	Moore
McQuater, Lindsay Tyrone	<i>Washington, D. C.</i>	32	Maine
Malcom, David Bliss	<i>Concord, Mass.</i>	6	Moore
Maloney, James Jeffrey	<i>Hanover, N. H.</i>	14	Appleton
Mandel, Thomas Nathan	<i>Larchmont, N. Y.</i>	22	Winthrop
Mann, Parker, Jr.	<i>Auburn, Me.</i>	26	Maine
Matthews, Stephen Gregory	<i>Canton, Mass.</i>	3	Maine
Mejstrick, Peter Francis	<i>Dover, N. J.</i>	32	Appleton
Mellors, Robert Charles, Jr.	<i>Rye, N. Y.</i>	4	Coleman
Menning, William Michael	<i>Woodstock, Vt.</i>	3	Coleman
Merrill, Andrew Abner	<i>Exeter, N. H.</i>	11	Hyde
Meyer, Alan Phillip	<i>Natick, Mass.</i>	12	Moore
Michelson, Michael	<i>Marblehead, Mass.</i>	7	Moore
Mitchell, John Harley, Jr.	<i>Toronto, Ont., Canada</i>	22	Hyde
Moran, William James	<i>Dorchester, Mass.</i>	22	Coleman
Morell, Abelardo, Jr.	<i>New York, N. Y.</i>	24	Moore
Moulton, Lee Clark	<i>Cheshire, Conn.</i>	31	Moore
Mulcahy, Peter Harding	<i>East Longmeadow, Mass.</i>	22	Maine
Munsey, Douglas Clifton, Jr.	<i>Wiscasset, Me.</i>	14	Maine
Murphy, John Dignam	<i>Augusta, Me.</i>	27	Winthrop
Murphy, Joseph Bruce	<i>Manhasset, N. Y.</i>	13	Winthrop
Murray, David Ross	<i>Framingham, Mass.</i>	30	Coleman
Murray, Robert Fulton, III	<i>Brockton, Mass.</i>	6	Hyde
Nadeau, Michael Lawrence	<i>Lewiston, Me.</i>	20	Moore
Nelms, Jonathan Pryor	<i>South Hadley, Mass.</i>	2	Moore
Niekrash, Michael Constantine, Jr.	<i>West Hartford, Conn.</i>	14	Coleman
Norman, Stuart Roode, Jr.	<i>Jewett City, Conn.</i>	14	Hyde
Oakes, Stephen Francis	<i>Holden, Mass.</i>	28	Appleton
Ovenden, Geoffrey Bruce	<i>Sherborn, Mass.</i>	3	Winthrop
Packard, Stephen Charles	<i>North Andover, Mass.</i>	28	Maine
Pappalardo, Anthony John	<i>Hingham, Mass.</i>	9	Winthrop



## Directory of Students

Parker, Mark Timothy	<i>Auburn, Me.</i>	D Coleman
Parsons, Timothy Judson	<i>Brunswick, Me.</i>	9 Maine
Patrick, Donald Wayne	<i>Palos Park, Ill.</i>	26 Hyde
Paulson, William Clifford	<i>Washington, D. C.</i>	18 Moore
Pearson, Walter George	<i>Center Ossipee, N. H.</i>	25 Hyde
Perantoni, Robert Dustan	<i>Barre, Vt.</i>	32 Coleman
Philipsborn, John Timothy	<i>Washington, D. C.</i>	7 Coleman
Piasecki, Charles Joseph	<i>Lynn, Mass.</i>	29 Appleton
Pierce, Christopher Alden	<i>Portland, Me.</i>	4 Appleton
Rathmell, Stephen Edward	<i>Muncy, Pa.</i>	10 Maine
Reed, James Roland	<i>Wethersfield, Conn.</i>	28 Moore
Reilly, Neill Daniel	<i>Manhasset, N. Y.</i>	31 Appleton
Renner, William Beach, Jr.	<i>Chappaqua, N. Y.</i>	7 Hyde
Reynolds, Kerry Gene	<i>Cambridge, Me.</i>	22 Moore
Reynolds, Michael Christopher	<i>Jersey City, N. J.</i>	18 Appleton
Richardson, Burton Jaastad	<i>Greenland, N. H.</i>	26 Moore
Roberts, John Russell	<i>Blackwell, Okla.</i>	25 Hyde
Romero, Campo Elias	<i>Barranquilla, Colombia</i>	2 Coleman
Roy, Donald Francis, Jr.	<i>Greenville, Me.</i>	12 Maine
Ryan, Kenneth David	<i>Brunswick, Me.</i>	9 Maine
Saunders, Richard Henry, III	<i>Villanova, Pa.</i>	24 Winthrop
Schneider, James Harris	<i>Briarcliff Manor, N. Y.</i>	2 Coleman
Schuberth, Richard Edward	<i>Bound Brook, N. J.</i>	28 Coleman
Seekins, Milton Donald	<i>Searsport, Me.</i>	F Coleman
Sewall, Gordon Ware	<i>Winchester, Mass.</i>	8 Appleton
Sewall, Peter	<i>Waterville, Me.</i>	24 Hyde
Sexton, Jeffrey Mitchell	<i>Wellesley, Mass.</i>	22 Hyde
Shattuck, Edward Whittemore	<i>Marblehead, Mass.</i>	31 Winthrop
Sheldon, George Gordon	<i>Sharon, Mass.</i>	31 Moore
Sheridan, Brian Douglas	<i>Essex Fells, N. J.</i>	20 Hyde
Simchak, Thomas MacLeod	<i>Washington, D. C.</i>	C Coleman
Smith, Geoffrey Hager	<i>Plattsburgh, N. Y.</i>	14 Hyde
Snable, Roy David	<i>Basking Ridge, N. J.</i>	24 Coleman
Spears, David Allan	<i>Wilton, Conn.</i>	30 Maine
Spencer, William Allen	<i>Yarmouthport, Mass.</i>	31 Hyde
Steer, Phillip Ray	<i>Melrose, Mass.</i>	19 Hyde
Stevens, Harold Burr, Jr.	<i>Cheshire, Conn.</i>	10 Moore
Stewart, Robert Gordon	<i>Reading, Mass.</i>	B Coleman
Stewart, William Thomas	<i>Portland, Me.</i>	12 Appleton
Stupak, Joseph Alexander, Jr.	<i>Needham, Mass.</i>	29 Appleton
Sweet, Julian Lockwood	<i>Simsbury, Conn.</i>	8 Winthrop
Talbot, John Michael	<i>Waterville, Me.</i>	30 Appleton
Taylor, Earl Roy	<i>Hartland, Me.</i>	20 Hyde



## *Directory of Students*

Terry, Richard Newman, Jr.	<i>Amherst, N. Y.</i>	30 Hyde
Thompson, Charles Edward	<i>Lynnfield, Mass.</i>	27 Maine
Thurlow, David Lawrence	<i>Weeks Mills, Me.</i>	21 Coleman
Toland, Benjamin Rush	<i>Guilford, Conn.</i>	7 Hyde
Tsapatsaris, Nicholas Peter	<i>Lowell, Mass.</i>	E Coleman
Tullish, John Joseph, III	<i>Hull, Mass.</i>	16 Hyde
Turner, Robert Carroll	<i>Skowhegan, Me.</i>	19 Potter St.
Turner, Robert Nelson, Jr.	<i>Bowdoinham, Me.</i>	6 Coleman
Van Cott, George Frederick	<i>Livingston, N. J.</i>	30 Appleton
Van Santvoord, Richard Nelson	<i>Williamstown, Mass.</i>	14 Winthrop
Vaughn, William Joseph	<i>Nashville, Tenn.</i>	22 Maine
Verrill, Ted Wright	<i>Rockland, Me.</i>	10 Maine
Walker, George Marshall, II	<i>Lunenburg, Mass.</i>	32 Coleman
Walker, John Douglas	<i>New Canaan, Conn.</i>	25 Maine
Ward, Peter Michael	<i>Hingham, Mass.</i>	21 Winthrop
Waring, Jeffrey Harrison	<i>Brewer, Me.</i>	26 Winthrop
Watkinson, Randal Edward	<i>Owl's Head, Me.</i>	20 Coleman
Welch, Colby Davis	<i>Lynnfield, Mass.</i>	10 Hyde
Wheeler, Thomas Brooks	<i>Wayland, Mass.</i>	2 Hyde
Wheelock, John Gray, IV	<i>Alexandria, Va.</i>	27 Moore
Whitcomb, Frederic Colby	<i>Swampscott, Mass.</i>	18 Coleman
Wick, Charles Dearborn	<i>East Greenwich, R. I.</i>	32 Moore
Wight, John Noel	<i>South Groveland, Mass.</i>	12 Winthrop
Wiley, Paul Henry	<i>New Haven, Conn.</i>	18 Winthrop
Williams, Craig Whitcomb	<i>Portland, Me.</i>	25 Maine
Wilson, Richard Alan	<i>Portland, Conn.</i>	4 Moore
Winchell, Hobart Oakes	<i>Lincoln, Mass.</i>	27 Moore
Wiswell, Andrew Muller, Jr.	<i>Bronxville, N. Y.</i>	24 Winthrop
Woodward, Donald Emery	<i>Dallas, Tex.</i>	30 Winthrop
Worrick, Philip Gordon, Jr.	<i>Hingham, Mass.</i>	12 Moore
Zikorus, Frederick Tilton	<i>Needham, Mass.</i>	9 Winthrop
Zimman, Michael Alan	<i>Marblehead, Mass.</i>	7 Moore

## Directory of Students

### Fall 1967 Semester

#### SPECIAL STUDENTS

*Baud, Boudewijn	<i>The Hague, The Netherlands</i>	ΨΥ House
*D'Souza, Arthur Noel	<i>Calcutta, India</i>	AKΣ House
Friedhofen, Peter	<i>Brunswick, Me.</i>	9 MacMillan Drive
*Kasai, Banri	<i>Gifu, Japan</i>	ZΨ House
*Khoury, Johnny Pierre	<i>Jerusalem, Jordan</i>	ΣN House
*Liburd, Caedmon Augustin	<i>Basseterre, St. Kitts</i>	BΘΠ House
*Lund, Per Magnus	<i>Helsinki, Finland</i>	ΦΔΨ House
*Petersson, Lars-Gunnar Kaj	<i>Jämsjöslätt, Sweden</i>	ΔKE House
*Singh, Baldev	<i>Pontian, Malaysia</i>	XΨ Lodge
*Taddia, Giorgio	<i>Varese, Italy</i>	ΔΣ House
*Wickström, Bengt-Arne	<i>Johannisberg, Sweden</i>	AΔΦ House
*Zehetner, Hans Wolfgang	<i>Linz, Austria</i>	ΘΔX House

Students whose names are marked by an asterisk are "Special Students" attending Bowdoin under the terms of the "Bowdoin Plan," which is described on page 189.

## *Directory of Students*

### Candidates for the Master of Arts Degree

in the 1967-1968 Academic Year Institute in Mathematics  
supported by the National Science Foundation

Chandler, Stephen Cromwell	<i>Mercersburg, Pa.</i>	14 Garden Lane
Faux, James Harder	<i>Williamsville, N. Y.</i>	110 Union St.
Holz, Alan Walter	<i>Topsham, Me.</i>	68 Main St., Topsham
McCallum, Amos Allen	<i>Saco, Me.</i>	L-2 Brunswick Apts.
Phillips, Roger MacMonagle	<i>Brunswick, Me.</i>	14 Merrymeeting Rd.
Sargent, Lucius Manlius, Jr.	<i>Brunswick, Me.</i>	11 MacMillan Drive
Todd, Richard Kilday	<i>Hornell, N. Y.</i>	42 Harpswell St.
Trask, Frederick Kingsbury, III	<i>Old Greenwich, Conn.</i>	19 Garden Lane
Trenholm, Winthrop Twells	<i>Norfolk, Va.</i>	269 Maine St.
Ulrey, Robert Joe	<i>Brunswick, Me.</i>	32 School St.

The Academic Year Institute in Mathematics is described on page 134.

### Students Enrolled at California Institute of Technology under The Bowdoin-California Institute of Technology Three-Two Plan

Starrett, Robert Ernest  
Titlow, Joseph David

### Students Enrolled at Massachusetts Institute of Technology under The Bowdoin-M.I.T. Two-Degree Plan

Cary, John Doble  
Levasseur, Robert Ernest



## *Directory of Students*

### Enrollment by Classes and by States

FALL 1967 SEMESTER

#### *Numerical Summary of Students*

Class of 1971	257	Specials	12
Class of 1970	224		
Class of 1969	217	Candidates for A.M.	
Class of 1968	200	Degree in NSF Aca-	
Class of 1967	8	demic Year Institute	10
Class of 1966	1		<u>929</u>

#### *Geographical Distribution*

Massachusetts	319	Florida	1
Maine	201	Georgia	1
New York	87	Indiana	1
Connecticut	74	Iowa	1
New Jersey	45	Michigan	1
New Hampshire	28	Mississippi	1
Pennsylvania	27	New Mexico	1
Rhode Island	22	Oklahoma	1
District of Columbia	13		
Ohio	11	<i>Foreign Countries:</i>	
Virginia	11	Austria	1
Illinois	10	Canada	2
Maryland	10	Colombia	1
California	7	Finland	1
Minnesota	5	Guatemala	1
Missouri	5	India	1
Vermont	5	Italy	1
Delaware	3	Japan	1
Tennessee	3	Jordan	1
Wisconsin	3	Malaysia	1
Colorado	2	The Netherlands	1
Hawaii	2	St. Kitts	1
Oregon	2	Sierra Leone	1
South Carolina	2	Sweden	2
Texas	2	Uruguay	1
Wyoming	2	Zambia	1
Alabama	1		<u>929</u>
Arizona	1		

## *Directory of Students*

The following students, whose names do not appear in the Directory of Students in the Catalogue for 1966-1967, attended Bowdoin during the Spring 1967 Semester:

Jordan, Bruce Christopher '69  
Payson, Kenneth Haskell '68  
Pulsifer, Stephen Mackintosh '68

*Winchester, Mass.*  
*Worcester, Mass.*  
*Brunswick, Me.*





























